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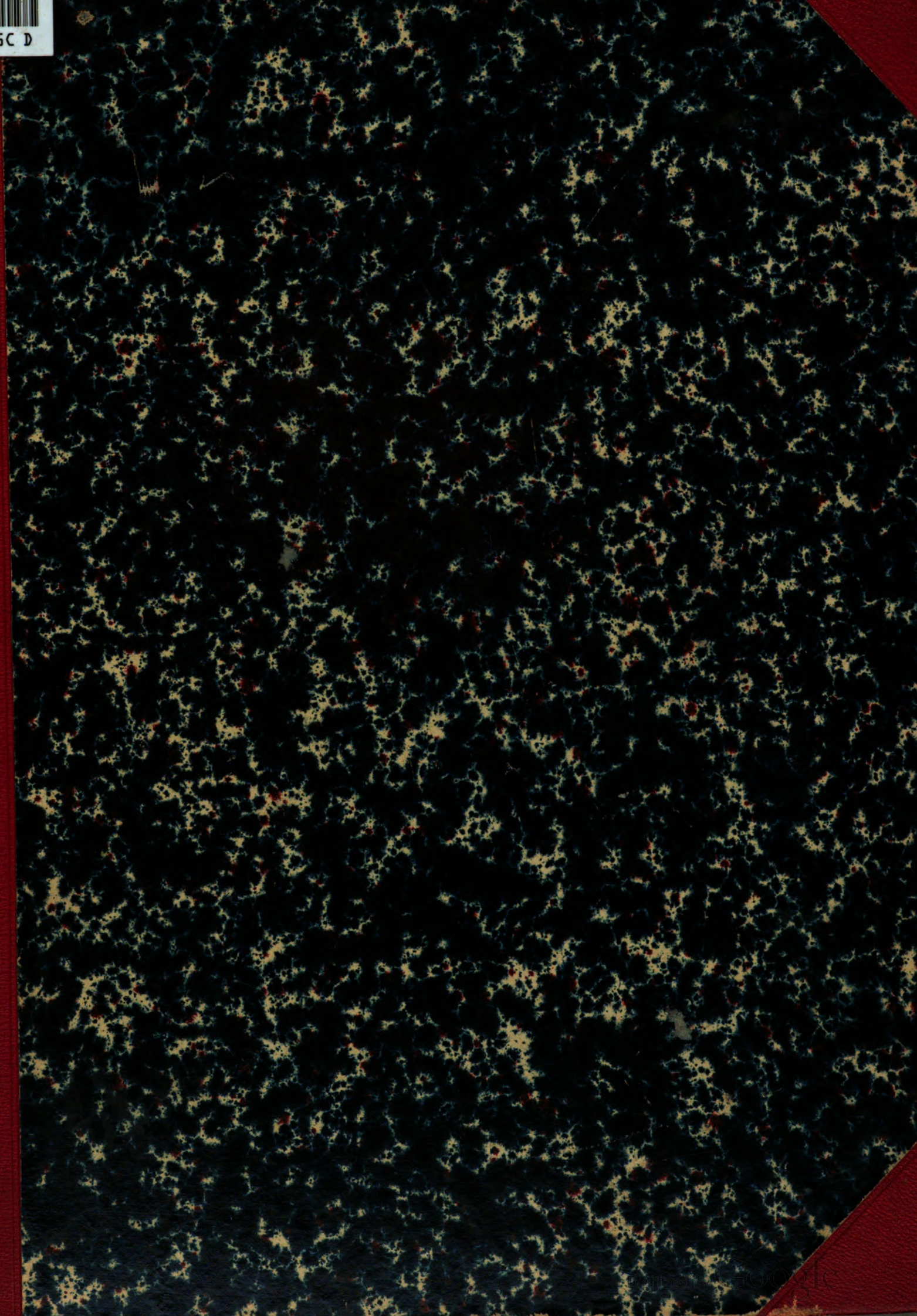
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READINGS OBTAINED FROM THE SELF-RECORDING INSTRUMENTS

AT THE

FOUR OBSERVATORIES UNDER THE METEOROLOGICAL COUNCIL.

1887.

Published by the Authority of the Meteorological Council.



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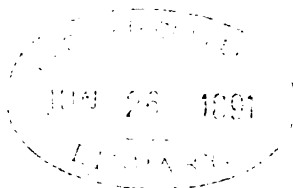
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INTRODUCTION.

The Meteorological Council, after careful consideration of the form in which the publication of the records of the self-registering instruments at the Observatories maintained by the Office has hitherto taken place, have come to the conclusion that it is preferable, for a time at least, to publish mean values instead of the separate hourly values for each day, which have till now been printed *in extenso*.

The series of hourly values for every day of the year has now appeared for the years 1874 to 1883 inclusive, for each of the seven Observatories in operation during those years, viz., Valencia, Armagh, Glasgow, Aberdeen, Falmouth, Stonyhurst, and Kew; and also for the years 1884 to 1886 inclusive for the four Observatories which have continued under the direction of the Office, viz., Valencia, Aberdeen, Falmouth, and Kew.

Hitherto the Office has not undertaken the publication of any mean hourly values, and on reconsideration of the subject generally, it has appeared to the Council that hourly means suitably grouped would supply the data obtained from the self-registering instruments in the most convenient form for discussion, and that, provided the means were computed for sufficiently short intervals of time, these would be found to be more generally useful than the hourly readings themselves, any attempt to deal with which is rendered very difficult by their excessive number, so that in making use of them for almost any purpose the computation of mean values of some kind is a preliminary step which is essential.

It is believed that the arrangement of the means adopted in the tables now published will admit of their being readily combined, or otherwise modified, by those who may wish to obtain mean values for other periods than those given; while should the occasion arise in which the hourly readings *in extenso* are needed for any research the original records will be available in the Meteorological Office.

The new form of publication has been adopted for the year 1887, and will be continued for subsequent years, but the Council have under consideration the extension of the calculation of mean values, such as those now published, at least of pressure and air temperature, as far back as possible, that is, to 1869, the first year in which the self-recording registers are complete.

The Council also contemplate the computation and publication of the harmonic coefficients of the pressure and temperature curves for the same series of years, but the form and extent of such a publication is not yet settled.

The elements dealt with in the tables are—

- a. Barometrical pressure.
- b. Temperature of the air.
- c. Difference between the dry and wet-bulb thermometers.
- d. Direction and velocity of the wind.
- e. Rainfall.

For the first four of these elements hourly means, and for the last element hourly totals, are given for periods of five days, for the calendar months, and for the year; while

means of pressure and temperature, and totals of rainfall, are also given for every day of the year.

It will be observed that the tables of pressure and temperature supply for each day hourly values for the initial and final midnights.

Assuming, as may be done, that the mean value for any hour is the mean between the values at the commencement and end of that hour, it follows that the true mean of the 24 hourly means will be found by adding half the sum of the initial and final midnights to the rest of the hourly values, and dividing by 24.

Again, to ascertain the true hourly variations from the true mean of the day, account must be taken of the change of value between the initial and final midnights, which may be termed, so far as the hourly variations are concerned, the non-periodic variation.

It will be apparent that in order to eliminate the effect of these non-periodic fluctuations corrections must be applied to the observed hourly values, as follows :—

Calling the difference between the means of the initial and final midnight, that is 0 hours and 24 hours, d , the correction for the several hours will be—

MIDT.	A.M.				NOON.			P.M.	MIDT.
for 0 hrs.	1	2	-	-	- 12	-	-	- 22,	23, 24.
	$\frac{1}{2}d$	$\frac{1}{2}d$	$\frac{1}{2}d$	-	- 0	-	-	$\frac{1}{2}d$	$\frac{1}{2}d$

the correction being added to the A.M. and subtracted from the P.M. means according as the initial (0 hours) mean value is less or greater than the final (24 hours) mean.

There has been no change in the instruments used for obtaining the records, which are described in the Annual Reports of the Meteorological Office for the years 1867 and 1869 ; while particulars as to their exposure and as to the physical features of the district surrounding the Observatories will be found in the Quarterly Weather Report for 1870, and in a note in the volume of Hourly Readings for 1885. A description of the methods adopted to secure correct measurements from the photographic or other traces, which, although varied in some details, are still unaltered as regards their general principle, will also be found in the Reports of the Meteorological Office for 1868 and 1869.

Before the means were calculated from the measurements all breaks in the hourly readings were supplied by interpolations, in making which any data in the Office available for the purpose have been used. Such breaks are rare, but occur at times from failure of the photography or from stoppage of the clocks, but the temperature of the wet bulb is that most frequently lost, owing to frost. Such losses can, however, usually be made good with a very near approach to accuracy.

The tables are 12 in number for each Observatory, as follows :—

TABLE I.—Gives for five-day periods the mean pressure for each hour of the day, and also for the whole 24 hours. This, and some of the succeeding tables, is in two parts, the means for the first six months (36 five-day groups) forming the first part, and those for the second six months (37 five-day groups) the second part. The extra day in leap year is always reckoned in the twelfth of the five-day groups, which in those years gives the mean of six days instead of five. No correction has been applied to the barometer readings for height above mean sea-level, but they have been reduced to 32° Fahrenheit.

TABLE II.—Gives the mean temperature of the air for each hour of the day and for the whole 24 hours for 73 groups of five days.

TABLE III.—Gives for the five-day periods the hourly and daily mean difference between the dry and wet-bulb thermometers. Opinion being unsettled as to the best method of computing the tension of vapour or humidity from these observations, the depression of the wet bulb alone has been given.

TABLE IV.—Gives the mean hourly and daily wind components for the same five-day periods. The observed directions and magnitudes are resolved into two components, for those in the direction of the meridian North being regarded as positive and South as negative; and for those in the direction perpendicular to the meridian, East being positive and West negative. The means are obtained from the algebraic sum of the several components for the periods in question.

TABLE V.—Deals with the frequency and amount of rainfall for the five-day and other periods as before. The first column under each hour shows the number of times at which rain fell in the 60 minutes immediately preceding that hour, while the second column gives the aggregate quantity of rain measured at the hour. The final two columns give the number of *days* on which rain to the amount of at least a hundredth of an inch fell, and the total fall for each period of five days. It sometimes happens, generally with falls of snow, but occasionally, although only rarely, through stoppage of the clock, that the trace fails, and it then becomes impossible to allocate the rainfall accurately to the proper hours. In such cases no note has been put to the figures in the hourly columns, but the amounts of rain measured at such times have been added to the hourly amounts given, and therefore the correct quantity is shown in the daily totals.

TABLES VI., VII., and VIII.—Give respectively the hourly and daily means of pressure, temperature, and of the difference between the dry and wet bulb thermometers, for each calendar month and for the whole year.

TABLE IX.—Gives the mean hourly and daily wind components for each calendar month, and for the year.

TABLE X.—Exhibits the hourly frequency and total amount of rainfall for each month and for the year; and also the number of days on which at least 0.1 inch of rain fell, and total amount of rain measured, in each month and during the whole year.

TABLE XI.—Shows the number of times the wind blew from each of the eight octants, reckoned on either side of the points North, North-east, &c., together with the number of calms for each hour of the day; the mean velocity being shown in the second column for every hour, while the average velocity at each hour, irrespective of direction, is given at the foot of the column. The three final columns give similar information for the month, and the maximum velocity during the month from each octant. In preparing this Table, and also Table IV., an observation has been reckoned as a calm when the motion of the wind was less than five miles in the hour.

TABLE XII.—Gives the mean pressure, mean air temperature, and mean difference between the dry and wet bulb thermometers for every day of the year; together with the daily extremes of pressure and temperature, the daily fall of rain, and the maximum hourly fall of rain in each month of the year.

MEAN RESULTS
OF THE
HOURLY OBSERVATIONS
OF
BAROMETRICAL PRESSURE, TEMPERATURE OF THE AIR, WIND,
AND RAINFALL,
MADE AT THE
VALENCIA OBSERVATORY
During the Year 1887.

TABLE I.

HOURLY and DAILY MEANS OF PRESSURE for FIVE-DAY PERIODS.

VALENCIA OBSERVATORY - - - LAT. 51° 55' N. LONG. 10° 18' W.

Barometer Cistern 23 feet above Mean Sea Level.

The readings are corrected for temperature, but are not reduced to Mean Sea-level.

Five-day Periods.	Midt.	A.M.											Noon.	P.M.											Midt.	Daily Means (Five Days).	Five-day Periods.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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TABLE I.—HOURLY and DAILY MEANS OF PRESSURE for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.		A.M.												Noon.		P.M.												Midt.		Daily Means (Five Days).	Five-day Periods.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.							
1887. July 30-4	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	July 30-4	
" 5-9	30' 946	30' 937	30' 924	30' 913	30' 904	30' 895	30' 884	30' 888	30' 887	30' 885	30' 885	30' 885	30' 884	30' 884	30' 880	30' 875	30' 869	30' 867	30' 865	30' 864	30' 863	30' 862	30' 861	30' 860	30' 859	30' 858	30' 857	30' 856	30' 855	" 5-9		
" 10-14	30' 733	30' 727	30' 720	30' 717	30' 715	30' 714	30' 711	30' 714	30' 715	30' 718	30' 721	30' 728	30' 747	30' 747	30' 756	30' 767	30' 772	30' 778	30' 784	30' 792	30' 794	30' 796	30' 804	30' 813	30' 810	30' 808	30' 808	30' 808	30' 808	" 10-14		
" 15-19	30' 298	30' 296	30' 298	30' 299	30' 301	30' 305	30' 312	30' 321	30' 328	30' 330	30' 333	30' 336	30' 339	30' 339	30' 341	30' 343	30' 343	30' 344	30' 346	30' 348	30' 352	30' 357	30' 366	30' 373	30' 374	30' 374	30' 375	30' 375	30' 375	" 15-19		
" 20-24	30' 238	30' 230	30' 217	30' 207	30' 187	30' 183	30' 178	30' 174	30' 176	30' 176	30' 175	30' 177	30' 177	30' 177	30' 175	30' 172	30' 165	30' 159	30' 151	30' 148	30' 144	30' 145	30' 145	30' 143	30' 137	30' 133	30' 133	30' 133	30' 133	" 20-24		
" 25-29	30' 650	30' 637	30' 623	30' 611	30' 609	30' 609	30' 616	30' 627	30' 635	30' 647	30' 651	30' 656	30' 655	30' 655	30' 663	30' 667	30' 672	30' 666	30' 664	30' 668	30' 672	30' 679	30' 686	30' 683	30' 680	30' 680	30' 680	30' 680	30' 680	" 25-29		
Aug. 30-3	30' 219	30' 213	30' 211	30' 208	30' 205	30' 207	30' 214	30' 221	30' 229	30' 241	30' 236	30' 238	30' 239	30' 239	30' 238	30' 239	30' 238	30' 233	30' 236	30' 238	30' 242	30' 249	30' 252	30' 252	30' 249	30' 249	30' 249	30' 249	30' 249	Aug. 30-3		
" 4-8	30' 156	30' 156	30' 151	30' 152	30' 148	30' 147	30' 149	30' 154	30' 159	30' 160	30' 161	30' 165	30' 164	30' 164	30' 165	30' 165	30' 165	30' 155	30' 151	30' 150	30' 158	30' 163	30' 173	30' 177	30' 179	30' 179	30' 179	30' 179	30' 179	" 4-8		
" 9-13	30' 204	30' 199	30' 194	30' 190	30' 189	30' 188	30' 192	30' 195	30' 195	30' 197	30' 195	30' 192	30' 188	30' 188	30' 185	30' 176	30' 165	30' 158	30' 151	30' 150	30' 151	30' 153	30' 155	30' 155	30' 152	30' 149	30' 149	30' 149	30' 149	" 9-13		
" 14-18	30' 976	30' 971	30' 966	30' 961	30' 956	30' 959	30' 964	30' 966	30' 972	30' 976	30' 978	30' 976	30' 974	30' 974	30' 976	30' 978	30' 974	30' 970	30' 971	30' 974	30' 970	30' 977	30' 985	30' 984	30' 984	30' 984	30' 984	30' 984	30' 984	" 14-18		
" 19-23	30' 007	30' 007	30' 002	30' 002	30' 006	30' 010	30' 014	30' 018	30' 022	30' 026	30' 030	30' 034	30' 038	30' 042	30' 046	30' 050	30' 054	30' 058	30' 062	30' 066	30' 070	30' 074	30' 078	30' 082	30' 086	30' 090	30' 094	30' 098	30' 102	" 19-23		
" 24-28	30' 590	30' 583	30' 574	30' 564	30' 556	30' 545	30' 534	30' 522	30' 511	30' 500	30' 489	30' 478	30' 467	30' 456	30' 445	30' 434	30' 423	30' 412	30' 401	30' 390	30' 379	30' 368	30' 357	30' 346	30' 335	30' 324	30' 313	30' 302	30' 291	" 24-28		
Sept. 29-2	30' 433	30' 438	30' 442	30' 446	30' 450	30' 455	30' 465	30' 471	30' 475	30' 479	30' 483	30' 487	30' 491	30' 495	30' 499	30' 503	30' 507	30' 511	30' 515	30' 519	30' 523	30' 527	30' 531	30' 535	30' 539	30' 543	30' 547	30' 551	30' 555	Sept. 29-2		
" 3-7	30' 568	30' 559	30' 557	30' 552	30' 548	30' 540	30' 530	30' 520	30' 510	30' 500	30' 490	30' 480	30' 470	30' 460	30' 450	30' 440	30' 430	30' 420	30' 410	30' 400	30' 390	30' 380	30' 370	30' 360	30' 350	30' 340	30' 330	30' 320	30' 310	" 3-7		
" 8-12	30' 087	30' 077	30' 068	30' 059	30' 056	30' 053	30' 055	30' 063	30' 065	30' 067	30' 069	30' 071	30' 073	30' 075	30' 077	30' 079	30' 081	30' 083	30' 085	30' 087	30' 089	30' 091	30' 093	30' 095	30' 097	30' 099	30' 101	30' 103	30' 105	" 8-12		
" 13-17	30' 033	30' 036	30' 040	30' 044	30' 048	30' 052	30' 056	30' 060	30' 064	30' 068	30' 072	30' 076	30' 080	30' 084	30' 088	30' 092	30' 096	30' 100	30' 104	30' 108	30' 112	30' 116	30' 120	30' 124	30' 128	30' 132	30' 136	30' 140	30' 144	" 13-17		
" 18-22	30' 191	30' 186	30' 180	30' 167	30' 150	30' 136	30' 128	30' 124	30' 130	30' 131	30' 133	30' 135	30' 137	30' 139	30' 141	30' 143	30' 145	30' 147	30' 149	30' 151	30' 153	30' 155	30' 157	30' 159	30' 161	30' 163	30' 165	30' 167	30' 169	" 18-22		
" 23-27	30' 201	30' 189	30' 180	30' 167	30' 150	30' 136	30' 128	30' 124	30' 130	30' 131	30' 133	30' 135	30' 137	30' 139	30' 141	30' 143	30' 145	30' 147	30' 149	30' 151	30' 153	30' 155	30' 157	30' 159	30' 161	30' 163	30' 165	30' 167	30' 169	" 23-27		
Oct. 28-2	30' 839	30' 851	30' 855	30' 859	30' 863	30' 867	30' 871	30' 875	30' 879	30' 883	30' 887	30' 891	30' 895	30' 899	30' 903	30' 907	30' 911	30' 915	30' 919	30' 923	30' 927	30' 931	30' 935	30' 939	30' 943	30' 947	30' 951	30' 955	30' 959	Oct. 28-2		
" 3-7	30' 316	30' 340	30' 333	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	30' 335	" 3-7		
" 8-12	30' 906	30' 901	30' 894	30' 883	30' 874	30' 870	30' 862	30' 865	30' 869	30' 871	30' 873	30' 875	30' 877	30' 879	30' 881	30' 883	30' 885	30' 887	30' 889	30' 891	30' 893	30' 895	30' 897	30' 899	30' 901	30' 903	30' 905	30' 907	30' 909	" 8-12		
" 13-17	30' 286	30' 293	30' 296	30' 298	30' 299	30' 300	30' 301	30' 302	30' 303	30' 304	30' 305	30' 306	30' 307	30' 308	30' 309	30' 310	30' 311	30' 312	30' 313	30' 314	30' 315	30' 316	30' 317	30' 318	30' 319	30' 320	30' 321	30' 322	30' 323	" 13-17		
" 18-22	30' 406	30' 406	30' 401	30' 403	30' 407	30' 411	30' 415	30' 419	30' 423	30' 427	30' 431	30' 435	30' 439	30' 443	30' 447	30' 451	30' 455	30' 459	30' 463	30' 467	30' 471	30' 475	30' 479	30' 483	30' 487	30' 491	30' 495	30' 499	30' 503	" 18-22		
" 23-27	30' 296	30' 285	30' 276	30' 260	30' 251	30' 248	30' 240	30' 239	30' 248	30' 248	30' 244	30' 244	30' 244	30' 244	30' 244	30' 244	30' 244	30' 244	30' 244	30' 244	30' 244	30' 244	30' 244	30' 244	30' 244	30' 244	30' 244	30' 244	30' 244	" 23-27		
Nov. 28-1	30' 400	30' 398	30' 391	30' 398	30' 399	30' 399	30' 403	30' 411	30' 423	30' 432	30' 438	30' 442	30' 445	30' 448	30' 451	30' 454	30' 457	30' 460	30' 463	30' 466	30' 469	30' 472	30' 475	30' 478	30' 481	30' 484	30' 487	30' 490	30' 493	Nov. 28-1		
" 2-6	30' 034	30' 037	30' 034	30' 031	30' 032	30' 033	30' 034	30' 035	30' 036	30' 037	30' 038	30' 039	30' 040	30' 041	30' 042	30' 043	30' 044	30' 045	30' 046	30' 047	30' 048	30' 049	30' 050	30' 051	30' 052	30' 053	30' 054	30' 055	30' 056	" 2-6		
" 7-11	30' 845	30' 849	30' 857	30' 859	30' 860	30' 868	30' 872	30' 883	30' 889	30' 899	30' 909	30' 914	30' 923	30' 933	30' 943	30' 953	30' 963	30' 973	30' 983	30' 993	30' 1003	30' 1013	30' 1023	30' 1033	30' 1043	30' 1053	30' 1063	30' 1073	30' 1083	" 7-11		
" 12-16	30' 120	30' 125	30' 127	30' 129	30' 130	30' 134	30' 137	30' 139	30' 145	30' 153	30' 159	30' 164	30' 169	30'																		

TABLE II.

HOURLY and DAILY MEANS of TEMPERATURE for FIVE-DAY PERIODS.

VALENCIA OBSERVATORY - - - - - LAT. 51° 55' N. LONG. 10° 18' W.
 Dry-bulb Thermometer, 12 feet above Ground.

Five-day Periods.	Midt.	A.M.												Noon.	P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.	
		0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.		12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.				24.
1887. 1-5 Jan.	44.7	44.5	44.7	44.4	44.8	43.9	43.9	44.1	44.1	43.6	43.3	43.4	43.4	43.7	43.9	43.6	43.3	43.7	43.6	41.5	43.2	43.6	43.6	43.9	44.5	44.5	43.6	43.6	1887. 1-5 Jan.	
" 6-10	41.7	42.1	42.7	43.6	43.4	42.6	42.1	42.3	41.6	41.3	40.7	40.4	41.8	42.4	43.4	44.3	44.9	44.9	45.2	44.1	43.0	42.3	42.0	42.9	41.9	41.9	41.5	41.0	43.7	" 6-10
" 11-15	43.9	43.7	43.6	43.4	42.6	42.1	42.3	41.6	41.3	41.3	40.7	40.4	41.8	42.4	43.4	44.3	44.9	44.9	45.2	44.1	43.0	42.3	42.0	42.9	41.9	41.9	41.5	41.0	43.7	" 11-15
" 16-20	45.6	45.8	45.8	46.3	46.1	45.9	46.3	45.7	45.8	46.9	47.6	47.6	48.5	48.8	48.6	48.6	48.6	48.0	47.3	46.8	46.1	46.3	46.5	46.6	46.6	46.6	46.5	46.9	46.9	" 16-20
" 21-25	46.8	46.9	47.0	47.0	47.2	47.5	47.4	47.7	47.7	47.7	47.9	47.9	48.4	48.6	48.6	48.6	48.7	48.7	48.4	48.3	48.1	48.4	48.4	48.5	48.5	48.1	47.8	47.9	47.9	" 21-25
" 26-30	50.1	50.0	49.8	50.0	49.9	49.9	50.1	50.0	49.9	50.1	50.7	51.2	51.3	51.6	51.3	51.6	51.6	51.1	50.2	49.3	48.9	48.6	48.7	48.8	48.3	48.3	47.9	49.9	49.9	" 26-30
Feb. 31-4	45.1	44.6	44.9	45.1	45.0	45.3	45.9	47.5	47.6	47.5	48.0	48.0	47.8	48.7	49.2	49.5	49.5	49.5	49.1	47.7	47.5	47.4	47.4	47.3	47.2	47.3	47.3	47.3	Feb. 31-4	
" 5-9	45.6	44.8	45.1	45.3	45.0	45.3	45.0	45.5	45.7	45.5	45.5	46.0	46.8	47.3	47.9	47.9	47.7	47.5	46.8	45.5	45.1	44.4	44.1	43.8	43.2	43.9	45.6	45.6	" 5-9	
" 10-14	37.0	36.0	35.6	35.7	35.7	34.6	35.1	34.8	35.4	36.1	37.2	39.0	40.9	42.2	43.3	43.1	42.7	41.4	40.4	38.9	38.4	38.0	37.4	37.0	37.0	37.4	37.0	38.1	" 10-14	
" 15-19	43.8	43.7	43.6	43.5	43.5	43.4	43.4	43.4	43.1	43.2	43.5	44.5	46.5	47.0	47.8	48.2	47.9	47.4	46.9	46.3	45.7	45.4	45.1	45.0	45.0	45.2	45.1	45.1	" 15-19	
" 20-24	48.0	48.0	47.9	48.0	48.2	48.2	48.3	48.6	48.5	49.1	49.0	49.6	49.6	49.6	50.1	49.5	50.0	49.5	48.8	48.8	48.8	47.9	47.6	47.2	47.6	47.5	48.6	48.6	" 20-24	
" 25-1	47.1	47.4	47.3	47.1	46.7	46.6	46.3	46.0	45.9	46.6	47.7	48.7	49.6	49.6	50.2	50.2	50.1	49.6	49.1	48.7	48.6	48.4	48.2	48.2	47.6	48.0	48.0	48.0	" 25-1	
March 2-6	43.9	43.4	43.2	43.6	43.5	43.2	43.1	43.3	43.2	43.8	45.3	47.3	48.5	50.3	50.2	50.2	50.2	50.7	49.9	48.2	46.5	45.5	44.6	44.3	44.0	44.5	45.5	45.5	March 2-6	
" 7-11	43.7	43.6	43.4	43.7	43.6	43.7	43.6	43.1	43.3	43.4	43.3	44.7	46.4	47.0	47.8	48.4	48.0	47.6	47.4	46.6	45.6	44.9	44.5	43.7	43.0	44.6	44.6	44.6	" 7-11	
" 12-16	36.0	35.5	34.6	34.1	33.7	33.4	33.4	33.5	34.3	36.6	37.6	39.8	40.6	41.5	42.1	41.9	41.9	42.1	41.2	40.7	39.1	37.8	37.5	36.9	36.0	37.4	37.4	37.4	" 12-16	
" 17-21	36.4	36.1	35.5	34.8	34.8	34.6	34.8	35.0	35.8	37.8	39.4	41.4	42.6	44.2	44.3	44.3	44.0	43.2	42.2	40.3	40.1	39.8	39.8	38.9	38.9	38.1	39.1	39.1	" 17-21	
" 22-26	43.9	44.1	43.8	43.4	43.6	43.8	44.1	43.4	43.8	45.0	45.0	45.8	47.5	47.8	48.2	47.5	46.5	47.2	46.5	45.8	45.2	45.4	45.1	45.1	45.1	45.3	45.3	45.3	" 22-26	
" 27-31	45.7	44.8	44.3	44.8	44.2	44.2	44.4	44.9	45.9	47.1	48.5	49.7	51.1	51.8	53.7	52.4	52.7	52.3	52.0	51.1	48.8	47.4	46.6	45.7	45.6	44.7	48.0	48.0	" 27-31	
April 1-5	45.6	45.0	45.1	44.7	45.0	45.4	45.4	45.6	45.3	45.7	45.7	45.7	47.5	48.2	48.8	47.8	46.8	47.1	47.1	46.2	44.9	44.8	43.8	43.2	43.8	44.5	45.7	45.7	April 1-5	
" 6-10	39.8	39.8	40.3	40.3	40.3	40.3	39.4	40.2	41.1	42.7	43.9	45.5	46.2	46.2	46.2	46.2	46.3	46.2	46.3	47.5	45.7	44.0	43.1	42.1	40.4	40.4	43.5	43.5	" 6-10	
" 11-15	43.4	42.3	41.6	41.4	40.1	39.4	38.9	40.5	43.0	46.5	48.9	51.3	52.4	53.8	54.3	54.8	53.7	52.5	52.3	50.4	47.4	45.9	44.2	43.4	42.2	46.6	46.6	46.6	" 11-15	
" 16-20	44.5	44.6	44.6	44.6	44.1	43.6	43.1	44.8	46.3	48.6	49.5	50.6	51.7	53.1	53.5	53.2	53.1	52.9	52.2	50.9	48.7	47.9	47.1	47.2	47.1	48.3	48.3	48.3	" 16-20	
" 21-25	46.2	46.0	45.4	45.8	44.8	44.5	44.9	45.8	48.9	47.0	47.7	48.4	48.4	49.1	48.7	49.9	49.7	49.2	47.0	45.5	44.6	44.1	44.7	44.9	44.7	46.6	46.6	46.6	" 21-25	
" 26-30	41.2	39.6	39.8	39.4	39.4	39.0	39.0	39.1	41.4	43.4	45.1	46.4	47.0	47.9	48.4	48.0	48.6	48.8	47.8	47.9	46.4	44.1	43.3	43.2	41.8	40.9	43.9	43.9	" 26-30	
May 1-5	45.7	45.6	45.4	45.0	44.6	45.0	44.8	46.5	48.0	49.6	50.3	51.3	51.8	52.4	52.8	53.1	53.1	53.1	51.8	51.9	50.3	48.8	48.3	48.1	47.5	47.0	48.7	48.7	May 1-5	
" 6-10	49.6	49.1	48.9	48.4	48.0	47.8	48.0	49.4	50.8	51.8	52.4	53.8	54.4	55.1	55.0	55.4	55.8	56.1	54.7	53.4	52.3	51.6	51.3	51.4	50.6	51.8	51.8	51.8	" 6-10	
" 11-15	51.2	51.0	50.6	50.7	50.4	49.9	50.4	51.2	51.9	52.8	54.0	55.0	56.5	57.6	57.8	58.1	57.0	56.2	55.8	54.7	53.2	52.7	52.1	51.7	51.4	51.3	53.3	53.3	" 11-15	
" 16-20	49.3	49.2	49.5	49.5	49.1	48.7	48.7	49.1	50.3	51.7	53.2	54.7	55.6	56.8	57.1	57.5	57.0	56.7	55.4	54.2	52.7	50.7	49.6	48.2	48.0	50.9	50.9	50.9	" 16-20	
" 21-25	48.7	48.5	47.9	47.5	47.6	47.6	48.7	49.1	51.1	52.4	52.9	53.8	54.7	55.6	55.5	55.1	54.0	52.7	51.8	50.4	48.8	47.6	46.1	45.0	50.1	51.8	51.8	51.8	" 21-25	
" 26-30	51.6	51.9	51.3	50.3	50.1	50.0	50.9	52.7	54.7	56.3	56.3	57.5	58.3	58.8	59.2	59.4	59.3	59.1	58.4	56.4	54.8	53.5	53.0	52.1	51.2	54.7	54.7	54.7	" 26-30	
June 31-4	52.0	52.1	52.3	52.7	52.7	52.7	53.1	54.1	54.9	55.7	57.0	58.2	58.8	59.4	59.9	60.0	60.9	60.7	59.0	58.6	56.6	54.9	54.0	53.4	52.8	55.8	55.8	55.8	June 31-4	
" 5-9	55.4	55.3	55.0	54.8	54.8	54.8	55.2	56.1	56.8	57.4	58.2	58.7	59.8	60.7	61.2	61.6	62.6	62.4	61.7	60.0	58.6	57.4	56.0	55.3	54.9	56.9	56.9	56.9	" 5-9	
" 10-14	54.7	54.4	54.1	54.2	54.0	53.8	53.8	54.2	55.6	56.8	57.8	59.1	60.3	60.8	61.2	61.6	62.6	62.6	62.4	61.7	60.0	58.6	57.4	56.0	55.3	54.9	56.9	56.9	" 10-14	
" 15-19	60.4	60.2	59.2	58.7	58.7	58.7	59.0	61.9	64.7	67.9	70.1	72.4	73.6	74.4	75.3	75.8	75.9	75.0	74.1	73.9	71.2	66.9	63.5	63.3	61.3	67.0	67.0	67.0	" 15-19	
" 20-24	59.3	57.9	56.3	56.3	55.8	55.6	57.6	60.2	63.7	67.5	69.6	72.2	73.2	73.6	74.5	74.5	74.5	72.8	70.9	70.4	68.0	64.0	61.5	59.6	58.5	65.0	65.0	65.0	" 20-24	
" 25-30	59.7	58.7	57.9	56.7	56.2	56.2	57.7	60.1	62.0	64.5	66.5	68.5	68.9	69.3	70.2	70.2	69.7	68.6	67.2	66.6	65.5	62.9	61.7	60.7	60.7	63.6	63.6	63.6	" 25-30	

TABLE II.—HOURLY and DAILY MEANS OF TEMPERATURE for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.	A.M.												Noon.		P.M.												Daily Means (Five Days).	Five-day Periods.
														12.															
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	13.		14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.				
1887. July 30-4	59.1	58.3	57.9	58.0	58.4	58.2	59.3	61.8	64.2	65.7	66.5	66.8	66.3	66.9	67.5	68.1	67.6	66.8	66.7	66.3	64.9	61.6	59.7	59.1	58.4	63.0	1887. July 30-4	63.0	Aug. 30-3
" 5-9	60.0	59.9	59.8	60.0	60.5	60.7	61.4	62.5	63.2	63.4	63.9	64.2	64.4	65.0	66.4	66.9	67.0	66.9	66.2	65.9	63.8	61.6	60.8	60.1	60.4	" 5-9	62.9	" 4-8	
" 10-14	60.4	60.8	60.7	60.5	60.2	60.4	61.1	62.2	63.0	63.3	63.4	64.2	64.3	64.5	64.7	64.7	64.7	65.1	64.4	63.4	62.1	60.8	60.4	60.4	60.4	" 10-14	62.3	" 9-13	
" 15-19	57.9	57.1	56.9	56.4	56.1	56.1	56.1	58.0	60.0	61.9	62.5	62.5	62.5	63.1	64.2	64.6	64.0	63.9	63.8	63.3	62.1	59.8	59.1	58.8	58.7	" 15-19	60.5	" 14-18	
" 20-24	60.5	60.3	60.0	60.2	59.7	59.7	60.1	61.0	61.9	62.5	63.6	64.6	65.6	65.7	66.3	66.0	64.7	64.6	63.8	62.9	61.9	60.8	60.1	59.7	59.6	" 20-24	62.2	" 10-23	
" 25-29	59.2	59.1	59.6	58.8	58.3	58.2	58.5	59.4	59.8	60.6	61.2	61.6	61.9	63.1	63.6	64.5	64.4	63.9	62.8	61.8	60.5	59.8	59.5	59.2	59.0	" 25-29	60.7	" 24-28	
Aug. 30-3	55.5	54.6	54.6	53.9	53.6	53.5	53.8	56.1	58.3	59.7	60.9	61.7	62.9	64.1	64.5	65.0	64.8	64.1	63.2	61.9	61.2	58.5	57.5	56.9	56.6	Aug. 30-3	59.1	Sept. 29-2	
" 4-8	60.5	60.0	60.1	59.8	59.7	59.4	59.4	60.6	61.8	63.1	64.1	64.7	65.4	66.3	66.4	66.6	65.8	65.6	64.8	64.3	61.6	60.4	60.5	60.5	60.1	" 4-8	62.5	" 3-7	
" 9-13	57.9	57.5	57.2	56.8	56.2	55.4	55.4	56.6	57.5	59.2	59.6	61.0	61.3	61.3	61.6	62.1	62.2	62.5	60.6	59.7	57.9	57.3	56.4	56.4	56.1	" 9-13	58.6	" 8-12	
" 14-18	55.0	54.9	54.9	54.5	54.6	54.2	54.2	55.2	57.0	58.2	59.1	60.8	61.1	62.3	61.9	62.3	61.5	60.9	60.0	58.7	56.7	56.0	55.8	55.7	55.4	" 14-18	57.7	" 13-17	
" 19-23	55.0	55.4	54.9	54.9	54.9	55.3	56.2	57.9	59.3	60.8	61.9	62.6	62.8	62.8	63.5	63.3	62.7	62.2	62.0	59.7	58.5	58.2	57.8	57.8	57.0	" 19-23	58.8	" 18-22	
" 24-28	61.7	61.6	60.9	60.9	61.0	60.7	60.7	60.8	60.9	61.6	62.7	63.7	64.0	64.1	65.1	65.5	65.1	64.8	63.8	61.9	61.7	61.1	60.9	61.2	61.2	" 24-28	62.3	" 23-27	
Sept. 29-2	57.6	57.7	57.5	57.8	57.4	57.8	57.3	57.9	58.7	59.8	59.2	60.9	61.1	61.8	62.2	62.2	62.5	60.5	59.1	59.0	57.4	56.2	56.6	56.8	57.1	Sept. 29-2	58.9	Oct. 28-2	
" 3-7	55.6	55.8	55.3	55.0	55.7	56.5	56.7	56.5	56.8	58.1	58.6	59.3	59.9	58.3	59.7	58.9	58.9	58.1	57.2	55.8	55.3	54.8	54.8	54.6	54.6	" 3-7	56.9	" 2-6	
" 8-12	55.4	55.9	55.3	55.3	55.0	54.7	54.7	55.7	56.6	57.3	57.8	58.7	58.6	58.5	58.9	58.5	58.5	57.9	56.9	56.4	56.3	55.6	55.4	55.6	55.6	" 8-12	56.6	" 7-11	
" 13-17	54.2	53.9	53.6	53.6	53.4	53.3	53.3	53.6	54.8	56.4	57.4	58.8	59.7	61.1	61.5	60.6	59.8	58.7	58.7	56.6	55.3	54.5	54.5	54.5	54.0	" 13-17	56.3	" 12-16	
" 18-22	51.1	51.1	50.5	50.5	50.5	48.8	48.7	49.7	51.9	54.4	56.4	59.0	60.6	61.9	62.0	62.2	61.6	60.7	59.2	56.0	54.3	53.1	52.4	51.6	51.6	" 18-22	54.8	" 17-21	
" 23-27	53.7	53.8	53.9	52.5	51.7	51.6	50.6	50.7	51.9	53.7	56.0	57.8	57.6	59.5	59.2	59.7	58.4	57.3	56.2	54.5	53.4	52.8	53.0	52.5	52.5	" 23-27	54.5	" 22-26	
Oct. 28-2	48.9	48.4	48.5	48.8	48.7	48.8	48.2	48.6	49.3	51.4	53.6	54.7	54.3	54.4	54.4	54.8	54.7	53.6	51.8	51.3	50.7	50.1	50.5	50.1	49.5	Oct. 28-2	51.1	Nov. 28-1	
" 3-7	51.3	50.8	50.6	49.8	49.7	49.8	48.8	48.9	49.7	51.8	53.3	55.1	56.0	56.3	56.4	56.1	55.7	54.7	53.3	51.7	51.7	51.4	51.4	51.0	50.6	" 3-7	52.3	" 2-6	
" 8-12	45.0	45.1	44.7	44.5	44.7	44.5	45.3	45.5	45.5	46.3	47.1	47.6	48.9	50.2	50.8	50.9	49.8	48.4	47.2	47.0	46.7	45.8	44.5	44.5	44.5	" 8-12	46.6	" 7-11	
" 13-17	45.8	45.8	46.2	46.2	46.3	46.2	46.2	46.1	46.7	48.1	48.8	49.7	49.8	49.8	50.6	50.3	49.9	49.5	48.5	47.8	47.4	47.2	46.8	46.3	46.2	" 13-17	47.7	" 12-16	
" 18-22	50.0	50.3	49.8	50.0	49.9	49.8	49.8	49.6	50.1	51.2	52.5	53.5	54.4	54.8	54.7	54.4	54.0	53.2	52.4	51.8	51.1	50.9	50.6	50.4	50.3	" 18-22	51.6	" 17-21	
" 23-27	48.5	48.1	48.3	47.9	47.8	47.8	48.2	48.0	47.6	48.6	49.6	50.8	51.0	51.1	51.1	50.6	50.5	49.9	49.6	50.1	50.4	50.0	50.2	49.5	48.9	" 23-27	49.4	" 22-26	
Nov. 28-1	47.5	46.6	47.4	45.2	45.9	46.9	47.3	47.9	48.1	47.8	49.3	49.3	49.8	50.4	49.9	49.8	49.4	49.2	48.4	47.6	47.4	47.1	46.5	47.1	47.0	Nov. 28-1	48.0	Dec. 27-1	
" 2-6	48.8	48.6	47.0	45.6	46.1	45.6	46.1	47.6	47.4	47.9	48.4	48.6	48.6	48.9	49.3	49.9	49.5	48.5	49.1	49.4	48.7	48.7	48.0	47.5	47.0	" 2-6	48.1	" 2-6	
" 7-11	45.0	44.2	44.3	44.8	44.8	44.9	44.3	44.4	43.9	44.6	45.7	47.1	48.2	48.9	49.3	49.7	48.6	47.8	46.9	46.6	45.9	45.3	45.3	44.3	44.3	" 7-11	46.0	" 7-11	
" 12-16	38.3	38.4	38.3	38.2	39.0	39.0	38.6	39.1	39.7	40.4	41.9	44.2	45.0	45.9	46.6	46.2	45.2	43.5	43.0	41.3	40.7	39.8	40.0	39.3	37.9	" 12-16	41.1	" 12-16	
" 17-21	41.8	43.0	43.2	43.0	42.9	43.1	43.4	44.5	44.2	43.2	43.3	45.2	46.0	46.5	46.7	46.0	45.2	43.6	43.5	43.8	43.2	42.5	42.4	41.6	41.6	" 17-21	43.7	" 17-21	
" 22-26	42.7	42.3	42.3	42.8	42.6	42.6	43.5	43.3	43.4	43.8	44.1	45.4	46.1	46.9	47.1	47.2	46.7	46.3	46.1	46.0	45.3	45.5	45.5	44.7	44.5	" 22-26	44.7	" 22-26	
Dec. 27-1	45.4	45.0	45.2	45.3	46.1	46.1	45.3	44.7	44.3	45.0	45.7	45.8	46.9	47.8	47.7	47.6	46.5	45.7	45.4	45.5	45.5	45.6	45.6	45.4	45.2	Dec. 27-1	45.7	" 27-31	
" 2-6	46.4	46.4	47.3	45.4	45.9	45.9	44.7	45.0	45.2	44.8	44.8	45.5	45.4	46.1	45.0	46.1	45.9	45.5	45.2	45.1	44.9	45.3	45.0	45.1	45.1	" 2-6	45.5	" 2-6	
" 7-11	45.1	45.1	45.7	46.1	45.8	46.7	45.8	45.7	45.0	45.4	45.8	46.0	46.0	46.7	46.3	47.3	47.0	46.2	45.6	45.7	45.7	45.5	45.7	44.8	44.8	" 7-11	45.8	" 7-11	
" 12-16	46.2	46.2	47.0	46.8	46.6	46.6	46.8	46.5	45.8	46.0	46.8	46.8	46.8	46.7	46.1	47.3	47.0	46.6	47.3	47.7	47.3	47.5	47.8	46.5	46.8	" 12-16	46.6	" 12-16	
" 17-21	41.4	42.3	42.3	42.3	41.6	40.9	41.6	41.2	41.2	41.4	40.8	41.7	43.1	43.0	41.9	41.5	40.7	41.0	40.9	40.5	39.9	40.6	39.6	39.8	39.8	" 17-21	41.2	" 17-21	
" 22-26	39.5	39.0	39.8	39.7	40.1	39.0	40.0	39.7	39.6	39.6	40.0	41.3	42.7	43.7	43.9	44.8	43.4	43.5	41.9	43.2	41.9	42.0	42.8	41.8	40.9	" 22-26	41.2	" 22-26	
" 27-31	37.6	36.5	35.9	35.8	35.6	35.4	35.0	35.1	35.4	35.4	36.0	37.8	38.5	39.1	39.2	39.4	39.3	39.1	39.3	38.7	38.3	38.0	38.0	37.6	37.4	" 27-31	37.4	" 27-31	

TABLE III.

HOURLY and DAILY MEAN DIFFERENCE between the DRY and WET-BULB THERMOMETERS, for FIVE-DAY PERIODS.
 VALENCIA OBSERVATORY - - - - LAT. 51° 55' N. LONG. 10° 18' W.

Five-day Periods.	Midt.	A.M.												Noon.		P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.		
		0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.						
1887. Jan. 1-5	3.1	2.9	3.0	2.8	3.2	3.4	2.4	2.4	2.6	2.6	2.5	2.6	2.8	3.1	2.5	3.0	3.2	3.1	3.1	2.4	2.4	2.5	2.6	2.9	3.7	3.8	3.8	3.8	1887. 1-5 Jan. 1-5			
" 6-10	2.9	3.0	2.5	2.3	2.3	2.2	2.2	1.9	2.1	2.0	1.8	2.5	2.7	3.2	2.9	3.5	2.9	2.8	3.0	2.8	2.8	2.7	2.6	2.9	3.7	2.2	2.2	2.4	" 6-10			
" 11-15	1.8	2.0	2.3	2.7	2.4	2.0	2.1	1.0	1.9	1.9	2.2	2.4	2.6	2.9	3.2	3.3	3.0	2.9	2.8	2.3	2.3	2.8	2.4	2.4	2.5	2.4	2.1	2.4	" 11-15			
" 16-20	3.0	2.9	2.6	2.2	2.2	1.8	1.9	1.6	1.6	2.1	2.4	2.5	2.3	2.4	2.3	2.8	2.6	2.7	2.6	2.7	2.6	2.7	3.0	2.9	3.2	3.1	3.3	2.5	" 16-20			
" 21-25	2.3	2.3	2.2	1.9	1.8	2.0	1.7	2.0	1.8	2.1	2.0	2.3	2.2	2.2	2.2	2.3	2.3	2.4	2.4	2.4	2.4	2.5	2.4	2.4	2.4	2.0	1.9	2.1	" 21-25			
" 26-30	1.9	1.9	1.9	2.1	2.0	1.9	1.9	1.6	1.6	1.5	1.8	1.9	1.9	2.0	1.8	1.7	1.4	1.2	1.2	1.2	1.1	1.3	1.4	1.3	1.5	1.8	1.9	1.7	" 26-30			
Feb. 31-4	2.5	2.2	2.3	2.3	2.1	2.5	2.4	2.6	2.7	2.7	2.7	2.7	2.3	2.4	2.4	3.0	3.1	3.1	2.7	2.7	3.0	3.3	2.8	2.8	2.8	2.5	2.5	2.6	Feb. 31-4			
" 5-9	2.4	2.1	2.1	2.2	2.2	2.0	2.2	2.2	2.1	2.2	2.2	2.9	3.1	3.1	3.2	3.1	3.1	3.1	2.6	2.3	2.3	2.1	2.4	2.4	2.5	2.4	2.4	2.4	" 5-9			
" 10-14	2.4	2.3	2.3	2.6	2.6	2.2	2.2	1.9	2.0	1.9	2.1	2.8	3.6	3.6	3.7	4.2	3.9	3.4	3.5	3.0	3.0	2.6	2.5	2.5	2.5	2.2	2.4	2.7	" 10-14			
" 15-19	1.8	1.6	1.7	1.6	1.3	1.4	1.5	1.4	1.4	1.4	1.6	1.9	2.1	2.7	2.7	2.9	2.3	2.1	1.9	1.4	1.6	1.6	1.5	1.3	1.3	1.4	1.6	1.7	" 15-19			
" 20-24	1.6	1.3	1.3	1.3	1.3	1.5	1.8	2.1	1.9	2.1	2.3	2.6	2.8	2.7	2.2	2.5	2.3	2.4	2.3	2.4	2.2	2.2	1.8	1.6	1.6	1.6	1.7	2.0	" 20-24			
" 25-1	1.7	2.1	2.2	2.4	2.5	2.5	2.2	2.1	2.1	2.1	2.6	2.8	3.2	3.2	3.4	3.4	3.2	2.8	2.5	2.4	2.4	2.3	2.3	2.3	2.5	2.3	2.3	2.5	" 25-1			
March 2-6	2.1	2.0	2.2	1.8	1.7	1.5	1.6	1.6	1.3	1.9	2.3	3.0	3.4	4.4	4.1	4.2	4.0	3.4	3.4	2.4	2.0	2.0	1.7	1.6	2.0	1.6	2.4	2.4	March 2-6			
" 7-11	1.6	1.7	1.8	1.8	1.5	1.7	1.6	1.6	1.7	1.8	2.0	2.3	3.0	3.1	3.2	3.3	3.0	2.8	2.3	2.0	2.0	1.9	1.7	1.6	1.9	1.8	2.7	3.5	" 7-11			
" 12-16	2.7	2.7	2.6	2.6	2.4	2.3	2.4	2.4	2.4	3.2	3.7	4.6	5.0	5.0	4.9	5.1	5.1	4.7	4.6	4.0	3.0	3.3	3.4	3.0	2.8	2.7	3.5	3.5	" 12-16			
" 17-21	2.2	2.3	2.2	2.1	2.2	2.1	2.4	2.5	2.7	3.2	3.7	4.3	5.0	5.4	5.3	5.3	5.1	4.5	4.1	3.2	2.8	2.3	2.3	1.9	2.2	2.0	3.2	3.2	" 17-21			
" 22-26	2.3	2.6	2.5	2.6	3.2	3.2	3.2	2.7	2.7	3.5	3.5	3.1	4.2	4.0	3.9	3.9	3.0	3.5	3.3	2.9	2.5	2.8	2.3	2.3	2.4	2.1	3.0	3.0	" 22-26			
" 27-31	1.5	1.6	1.5	1.7	1.5	1.7	1.8	2.1	2.2	2.7	3.5	4.0	4.3	5.1	5.0	4.8	4.7	4.0	3.7	3.1	2.7	2.7	2.5	2.2	2.6	2.2	2.9	2.9	" 27-31			
April 1-5	2.6	2.3	2.2	2.1	2.6	2.4	2.3	2.8	2.9	3.0	3.1	4.4	4.7	4.8	4.0	3.9	4.0	4.2	3.7	3.2	3.2	3.6	2.6	2.6	1.7	2.1	2.5	3.1	April 1-5			
" 6-10	3.4	3.1	3.5	3.2	3.2	3.2	3.6	2.8	3.1	3.8	4.4	4.7	4.9	5.5	5.7	5.9	5.8	5.6	4.5	4.1	3.9	3.6	2.6	2.6	1.7	2.1	2.5	3.1	3.1	" 6-10		
" 11-15	2.3	2.4	2.6	2.7	2.5	2.3	2.1	2.5	3.0	4.4	5.0	5.9	6.2	6.8	7.1	7.3	6.2	6.1	5.7	4.6	4.1	3.6	3.8	3.0	2.4	2.2	2.1	4.1	" 11-15			
" 16-20	2.3	2.5	2.4	2.4	2.4	2.3	2.1	2.7	3.4	4.2	4.5	4.5	4.0	5.3	5.3	5.4	5.2	4.9	4.3	3.6	2.9	2.6	2.6	2.3	2.3	2.2	3.5	3.5	" 16-20			
" 21-25	2.1	2.3	1.8	2.5	1.7	1.8	1.4	1.8	1.9	2.8	3.7	3.5	3.9	4.2	4.1	4.4	4.6	4.0	3.3	2.8	1.8	1.8	1.7	1.8	1.8	2.4	2.6	2.8	" 21-25			
" 26-30	2.2	1.7	1.9	1.8	1.8	1.8	1.9	1.9	2.9	4.2	4.6	4.6	5.5	5.3	4.9	5.2	4.6	4.8	4.4	3.8	2.9	2.9	2.5	2.8	1.9	1.8	1.8	3.2	" 26-30			
May 1-5	1.8	1.9	1.9	2.0	1.8	1.9	1.6	2.4	3.1	4.1	4.2	4.6	5.0	4.7	5.5	5.5	4.7	4.1	4.3	3.2	2.6	2.6	2.5	2.2	2.2	1.7	3.2	3.2	May 1-5			
" 6-10	1.1	0.9	0.8	0.7	0.9	0.8	0.9	0.9	1.4	2.0	2.7	3.4	4.2	4.1	4.4	4.6	4.6	4.6	3.6	2.8	2.4	2.6	2.5	2.2	1.5	1.4	1.3	2.3	" 6-10			
" 11-15	1.5	1.3	1.4	1.6	2.0	1.6	2.1	2.3	2.6	3.0	3.6	4.2	4.7	5.0	5.1	5.3	4.6	4.3	4.0	3.5	3.3	2.7	2.2	1.9	1.8	1.6	2.9	3.1	" 11-15			
" 16-20	2.0	2.1	2.1	2.8	2.3	2.2	2.5	2.8	3.7	3.0	3.8	4.1	3.6	3.6	3.7	3.1	3.7	3.9	3.9	4.3	4.5	4.0	3.6	3.0	2.2	2.2	2.5	3.1	" 16-20			
" 21-25	2.0	1.5	1.6	1.3	1.5	1.4	1.5	1.3	2.4	2.8	2.7	3.4	3.6	3.8	3.4	3.7	3.7	3.9	2.9	2.7	2.2	1.6	1.6	1.4	1.4	1.4	2.4	2.4	" 21-25			
" 26-30	2.0	2.2	2.1	1.9	1.6	1.5	1.7	2.2	3.3	3.9	4.3	5.3	5.5	5.9	5.7	5.7	5.8	5.3	5.0	3.8	2.9	2.5	2.4	2.6	2.4	2.4	3.5	3.5	" 26-30			
June 31-4	1.6	1.6	1.6	1.8	1.9	1.7	1.7	2.1	2.4	2.5	3.2	3.5	3.2	3.9	4.3	4.7	5.2	5.2	4.3	4.3	4.2	3.3	2.4	2.4	1.8	1.6	2.9	3.9	June 31-4			
" 5-9	1.4	1.3	1.3	1.4	1.3	1.2	1.1	1.3	1.8	1.8	2.3	2.4	2.8	2.9	2.6	2.9	2.8	2.8	2.5	2.2	1.7	1.5	1.4	1.4	1.4	1.2	1.9	1.9	" 5-9			
" 10-14	1.5	1.3	1.3	1.3	1.3	1.3	1.5	1.8	2.4	2.4	2.9	3.3	3.7	4.6	4.8	5.0	5.4	5.3	5.1	4.7	3.8	2.7	1.9	1.5	1.5	1.6	2.9	3.6	" 10-14			
" 15-19	3.3	3.6	3.5	3.5	3.5	4.1	4.5	4.8	6.2	7.4	9.1	10.2	9.7	10.2	10.2	9.6	10.1	10.2	9.8	9.9	7.9	6.1	4.3	4.7	4.5	6.8	4.5	6.8	" 15-19			
" 20-24	3.0	2.4	2.3	2.3	2.7	2.9	2.8	3.0	4.9	6.7	8.4	10.5	10.2	9.4	9.2	9.7	9.1	8.5	7.9	7.4	6.2	4.2	3.1	3.3	2.7	5.7	3.7	5.7	" 20-24			
" 25-29	3.3	2.8	2.5	2.0	1.9	1.7	1.7	2.2	3.4	4.3	5.3	6.6	6.6	6.6	6.8	6.3	6.6	6.7	6.7	6.4	5.2	3.9	3.7	3.6	3.2	4.5	3.2	4.5	" 25-29			

TABLE III.—HOURLY and DAILY MEAN DIFFERENCE between the DRY and WET-BULB THERMOMETERS, for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.	A.M.												P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.	
		Noon.												P.M.															
		0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.				24.
1887. July 30-4	1°6	1°4	1°2	1°1	1°3	1°2	1°3	1°9	2°6	3°6	4°1	4°1	4°1	4°1	4°6	5°1	5°7	5°7	5°6	5°6	5°5	4°4	3°0	2°6	2°2	2°0	3°3	July 30-4	
" 5-9	2°8	2°7	2°4	2°3	2°3	2°3	2°6	2°7	2°3	2°5	2°8	3°0	3°0	3°3	2°9	2°9	4°4	4°9	4°6	4°7	4°7	4°1	3°4	2°8	2°9	2°7	3°2	" 5-9	
" 10-14	2°6	2°3	2°3	2°9	2°7	2°5	2°8	2°8	2°4	3°0	3°8	3°4	3°3	3°6	3°0	3°2	3°0	3°6	3°3	3°4	2°4	2°3	2°4	2°6	2°6	2°8	" 10-14		
" 15-19	2°3	2°5	2°5	2°3	2°5	2°0	1°9	2°3	3°4	4°6	5°3	5°1	5°6	5°8	5°4	5°6	5°3	5°1	5°0	4°7	4°0	2°9	2°5	2°2	2°1	3°7	" 15-19		
" 20-24	1°6	1°5	1°7	1°8	1°8	1°5	1°3	1°5	2°1	2°7	3°6	4°7	5°5	5°3	5°1	5°3	4°4	4°0	3°7	3°3	3°0	2°7	2°7	2°2	2°1	3°0	" 20-24		
" 25-29	3°1	2°7	3°1	2°5	2°3	2°1	2°0	2°3	2°4	3°2	3°4	3°6	3°5	4°4	4°5	5°1	5°0	4°8	4°7	3°7	3°4	3°2	3°3	3°2	3°0	3°3	" 25-29		
Aug. 30-3	2°0	1°7	1°4	1°3	1°3	1°5	1°3	1°3	2°4	3°1	3°9	4°4	4°9	5°3	5°9	6°0	5°9	5°4	4°9	4°1	3°8	2°4	2°1	2°0	1°9	1°9	3°2	Aug. 30-3	
" 4-8	1°9	2°1	2°0	2°0	2°1	2°0	1°9	2°2	2°8	3°3	3°8	4°0	4°3	4°7	5°2	4°6	4°3	4°0	3°8	3°3	2°4	2°1	2°0	1°9	1°9	1°9	3°0	" 4-8	
" 9-13	2°8	2°9	2°7	2°7	2°9	2°9	3°2	3°2	3°8	4°9	4°8	5°5	6°0	5°0	4°9	4°7	4°9	5°4	4°7	4°1	3°6	3°4	3°0	2°8	2°9	2°8	3°9	" 9-13	
" 14-18	3°1	2°9	2°7	2°5	2°4	2°5	2°6	2°6	3°4	4°2	4°9	5°2	5°8	6°4	6°8	6°5	6°1	5°9	5°7	5°1	4°3	3°4	3°3	3°2	2°9	4°2	" 14-18		
" 19-23	1°9	2°2	1°8	1°9	1°7	1°8	1°8	1°7	2°4	2°7	3°5	4°0	4°9	4°7	5°1	4°7	4°6	4°4	4°2	2°5	2°2	2°1	2°0	2°3	2°0	2°9	" 19-23		
" 24-28	2°1	2°0	1°7	1°6	1°7	1°5	1°6	1°7	1°9	2°0	2°8	3°0	2°9	3°0	3°4	3°7	3°9	3°6	3°2	2°5	2°2	2°4	2°2	2°0	1°9	2°4	" 24-28		
Sept. 29-2	2°2	2°3	2°2	2°2	2°2	2°9	2°5	2°6	2°4	2°7	2°5	3°1	3°1	3°2	3°3	3°7	3°6	2°9	2°2	2°2	2°3	2°4	2°3	2°3	2°3	2°7	2°7	Sept. 29-2	
" 3-7	2°3	2°3	1°8	1°9	2°0	1°7	2°1	2°4	2°8	3°4	4°5	4°8	4°9	4°3	5°0	5°1	4°9	4°4	4°5	3°8	3°6	3°3	2°9	2°5	2°4	3°3	" 3-7		
" 8-12	2°6	2°5	2°4	2°2	2°5	2°3	2°3	2°3	2°7	2°9	3°2	3°2	3°6	3°2	3°5	3°7	3°5	3°3	2°7	2°5	2°6	2°5	2°8	2°5	2°8	2°5	2°9	" 8-12	
" 13-17	2°3	2°1	2°0	2°3	2°4	2°9	2°9	2°7	2°6	3°1	4°0	4°6	5°7	6°0	8°2	6°2	5°4	4°6	4°3	3°8	3°1	2°7	2°9	2°6	2°5	2°5	3°6	" 13-17	
" 18-22	2°0	2°3	2°1	2°1	2°1	1°6	1°7	1°9	2°3	3°1	3°8	4°6	5°5	5°7	5°9	5°9	5°6	4°9	4°2	2°8	2°2	1°6	1°7	1°7	1°9	1°9	3°2	" 18-22	
" 23-27	2°4	2°1	2°0	2°0	1°8	2°0	1°1	1°1	1°7	2°1	3°5	4°5	4°2	5°0	5°1	5°1	5°3	4°5	3°4	2°9	2°5	2°2	2°2	2°3	2°2	2°7	2°9	" 23-27	
Oct. 28-2	2°4	2°2	2°1	2°1	2°2	2°2	2°1	2°4	2°4	3°0	3°2	4°3	3°9	3°6	3°6	3°6	3°6	2°9	2°1	2°3	2°0	2°0	2°2	2°2	2°1	1°8	2°7	Oct. 28-2	
" 3-7	2°4	2°5	2°8	2°6	2°4	2°5	2°0	2°4	2°4	2°4	2°4	3°7	4°8	5°1	5°3	5°1	5°4	5°1	4°1	3°6	2°7	2°2	2°2	2°3	2°0	2°3	3°2	" 3-7	
" 8-12	2°7	2°7	2°3	2°1	2°2	1°9	2°3	2°3	2°2	2°1	2°5	2°4	2°8	3°8	4°3	4°9	4°7	4°4	4°0	3°9	3°8	3°9	3°1	2°3	2°3	2°6	3°0	" 8-12	
" 13-17	2°7	2°7	2°7	2°8	2°9	2°9	2°7	2°8	3°2	3°8	4°0	4°2	4°0	4°1	4°2	3°8	3°5	3°6	3°9	3°2	2°8	2°9	2°5	2°4	2°2	2°6	3°1	" 13-17	
" 18-22	2°1	2°3	2°0	2°0	2°0	2°0	1°8	1°8	1°8	2°0	2°4	2°8	3°4	3°5	3°5	3°5	2°0	2°5	2°4	2°2	2°0	2°0	2°0	1°9	2°1	2°4	2°4	" 18-22	
" 23-27	2°2	2°1	2°4	2°4	2°5	2°2	2°3	1°9	1°5	1°8	2°2	2°6	2°4	2°7	2°8	2°4	2°3	1°8	1°8	1°9	2°0	2°0	2°0	2°3	2°0	2°1	2°2	" 23-27	
Nov. 28-1	2°3	1°9	2°5	2°6	2°3	2°3	2°8	3°8	3°8	3°2	3°8	3°9	3°7	3°8	3°0	3°2	3°2	3°5	3°6	2°9	2°5	2°4	2°5	2°4	2°8	2°7	3°0	Nov. 28-1	
" 2-6	3°8	3°9	2°8	2°0	2°3	1°9	2°6	2°9	2°7	2°6	2°1	2°1	2°1	2°4	2°4	2°9	3°2	2°4	3°0	3°5	3°0	2°4	2°5	2°8	2°7	3°5	2°8	" 2-6	
" 7-11	1°7	1°3	1°5	1°6	1°5	1°4	1°4	1°4	1°4	1°4	1°6	1°9	2°4	2°5	2°5	3°0	2°2	2°0	1°9	1°8	1°8	1°8	1°7	1°7	1°7	1°7	1°8	" 7-11	
" 12-16	1°1	1°3	1°2	1°6	1°3	1°6	1°3	1°6	1°8	1°7	2°0	2°4	2°9	2°8	3°4	3°2	3°0	2°4	1°9	1°9	1°9	1°5	1°8	1°5	1°5	1°2	1°9	" 12-16	
" 17-21	1°5	2°0	1°2	1°4	1°5	1°9	1°8	1°1	2°2	2°0	1°6	2°6	3°3	3°4	3°4	2°7	2°5	1°2	1°4	1°8	1°9	1°7	1°8	1°8	1°3	2°0	2°0	" 17-21	
" 22-26	1°3	1°2	1°4	1°7	1°4	1°4	1°6	1°4	1°6	1°7	1°5	1°6	2°0	1°7	1°7	1°7	1°4	1°4	1°1	1°2	1°3	1°3	1°5	1°5	1°6	1°9	1°5	" 22-26	
Dec. 27-1	2°4	2°0	2°6	2°7	2°2	2°2	2°6	2°0	1°9	1°7	2°1	1°9	2°7	2°8	2°8	2°7	2°5	2°3	1°8	1°8	1°7	1°5	1°5	1°8	1°8	1°9	2°2	Dec. 27-1	
" 2-6	0°7	0°8	1°3	0°9	1°3	1°5	0°7	1°2	1°3	1°2	1°1	1°4	1°2	1°4	1°5	1°7	1°7	1°9	1°9	1°5	1°5	1°3	1°3	1°3	1°8	1°4	1°4	" 2-6	
" 7-11	2°3	2°4	2°6	2°0	2°1	2°5	2°1	2°1	2°4	2°1	2°1	2°2	2°6	3°1	2°8	2°5	1°9	1°5	1°4	1°3	1°4	1°4	1°4	1°6	1°5	1°8	2°1	" 7-11	
" 12-16	1°8	1°9	2°6	2°9	3°0	3°0	2°6	2°1	2°5	2°4	2°5	2°7	2°8	3°1	2°6	2°1	1°7	2°1	2°2	2°5	2°2	1°8	2°2	2°2	1°5	1°9	2°3	" 12-16	
" 17-21	2°7	3°3	3°2	3°5	2°6	2°1	2°8	2°6	2°5	2°7	1°9	2°9	3°1	3°2	2°8	2°5	2°2	2°8	2°0	2°6	2°6	2°6	2°5	2°5	2°5	2°7	2°7	" 17-21	
" 22-26	1°0	0°8	0°6	0°5	0°7	0°8	0°7	0°8	0°7	0°9	0°8	1°2	1°5	1°8	1°8	1°7	1°5	1°2	1°1	1°3	1°2	1°2	1°2	1°2	1°1	1°1	1°0	" 22-26	
" 27-31	2°3	1°9	1°7	1°9	1°9	1°9	1°8	1°8	1°8	1°8	1°7	1°6	2°0	2°2	2°1	2°1	2°3	2°4	2°4	2°4	2°3	2°3	2°2	2°2	2°2	2°2	2°1	2°1	" 27-31

TABLE IV.—MEAN HOURLY and DAILY WIND
VALENCIA OBSERVATORY - - - - -

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1887.																								
Jan. 1-5	-5'3	-14'0	-8'9	-14'1	-9'4	-15'3	-10'7	-14'2	-12'0	-13'8	-13'3	-13'8	-7'9	-16'0	-5'5	-12'9	-6'3	-10'2	+4'0	-9'0	+0'8	-10'4	+4'0	-11'6
" 6-10	+11'2	-9'3	+7'1	-9'8	+4'4	-8'0	+5'9	-9'3	+8'0	-12'2	+8'6	-5'7	+10'2	-5'4	+9'4	-5'7	+9'1	-4'2	+6'5	-3'5	+6'8	-4'8	+8'6	-0'6
" 11-15	-8'1	-5'6	-6'2	-5'9	-5'5	-4'6	-3'4	-5'6	-1'7	-2'8	-0'7	-0'1	-2'2	-2'7	-3'0	-0'2	-2'2	-0'9	-1'1	-0'5	-2'5	-1'4	-2'6	+0'3
" 16-20	-15'6	-1'3	-16'9	-0'6	-19'7	-2'1	-21'1	+1'2	-20'6	+0'6	-23'9	+1'7	-14'0	-3'5	-14'8	-3'2	-14'2	-2'7	-14'7	-6'3	-9'6	-8'1	-6'6	-9'9
" 21-25	-18'1	+5'9	-18'0	+4'0	-15'5	+6'3	-18'5	+3'8	-18'3	+4'8	-20'0	+2'2	-20'1	+2'3	-20'4	-2'5	-23'2	-0'4	-21'6	+0'1	-24'2	+0'4	-24'8	-0'3
" 26-30	-33'2	+0'5	-32'6	-4'4	-32'0	-2'4	-30'2	-1'6	-30'8	+0'5	-32'7	-1'3	-32'4	-1'6	-30'9	-0'9	-30'1	-1'1	-30'5	-2'2	-33'8	-4'4	-35'4	-2'4
Feb. 31-4	-20'8	-4'8	-19'7	-8'1	-21'8	-7'0	-22'2	-4'8	-23'8	-6'6	-28'1	-10'9	-28'7	-13'9	-25'8	-18'3	-21'6	-19'0	-21'0	-19'4	-22'4	-15'7	-20'6	-13'5
" 5-9	-16'7	+4'5	-13'4	+11'6	-12'5	+10'0	-10'3	+8'3	-11'4	+9'7	-12'5	+13'3	-11'6	+12'4	-11'7	+13'4	-14'5	+15'8	-13'2	+16'3	-13'7	+17'1	-13'3	+19'2
" 10-14	+5'4	+4'1	-0'5	+4'0	+3'6	+6'7	+3'2	+3'8	-0'6	+1'3	+1'8	+3'6	+1'4	+3'9	+4'2	+5'6	+4'8	+5'6	+4'6	+4'6	+5'2	+5'3	+5'7	+6'5
" 15-19	-1'7	+2'3	-1'5	+1'0	-1'2	+1'4	+0'7	-4'4	+0'4	-5'8	+0'1	-3'3	-1'3	-3'7	-0'6	-1'8	-0'3	0'0	-0'7	-1'6	-0'8	-0'5	-2'3	+0'1
" 20-24	-28'7	-10'8	-28'9	-12'6	-28'8	-11'7	-28'7	-12'6	-29'9	-14'1	-29'1	-13'4	-27'9	-15'2	-29'9	-13'8	-32'6	-12'4	-27'7	-8'4	-29'6	-9'2	-27'5	-11'5
" 25-1	-20'8	+11'1	-18'0	+10'6	-15'0	+12'7	-17'4	+13'1	-18'5	+13'6	-19'6	+14'5	-21'4	+12'7	-21'2	+12'5	-21'0	+14'2	-19'8	+15'5	-23'6	+14'7	-25'3	+16'0
March 2-6	-3'2	-1'7	-0'2	-1'8	-1'3	-0'9	-2'0	-0'9	-1'6	-0'3	+1'8	-0'1	0'0	-0'4	+1'8	+0'8	-1'2	+1'8	-1'3	+1'5	-1'3	+1'1	-2'7	+1'3
" 7-11	-4'1	+7'4	-3'8	+7'8	-3'2	+6'3	-2'5	+4'7	-3'0	+5'2	-1'2	+6'6	-1'4	+7'6	-4'3	+8'1	-5'4	+9'0	-5'8	+10'2	-7'2	+6'9	-6'5	+5'6
" 12-16	+13'7	+14'6	+13'2	+11'8	+10'9	+11'3	+10'2	+9'1	+9'6	+10'2	+7'3	+9'4	+8'9	+5'6	+9'5	+9'0	+10'9	+8'1	+8'8	+10'7	+11'2	+11'0	+15'1	+9'5
" 17-21	-0'2	+3'9	-0'7	+4'1	-1'3	+3'6	-1'2	+5'9	0'0	+5'3	-0'8	+7'2	-0'8	+6'9	-3'3	+7'4	-4'0	+9'6	-5'5	+10'0	-7'4	+11'4	-7'7	+10'6
" 22-26	+4'9	-19'9	+4'9	-20'2	+4'2	-19'4	+4'5	-20'8	+2'9	-21'2	+1'1	-21'0	-1'4	-19'3	+1'6	-18'7	-3'1	-22'5	-5'9	-20'3	-2'8	-23'6	-4'0	-25'0
" 27-31	+1'2	-5'4	+1'2	-4'6	+2'1	-4'7	+0'4	-5'5	+0'4	-6'2	+0'5	-5'3	+2'3	-4'1	+4'6	-3'3	+3'0	-2'0	+3'8	-2'6	+3'1	-3'7	+2'7	-7'2
April 1-5	+12'3	-5'3	+10'3	-4'7	+10'8	-2'8	+9'6	-3'0	+9'1	-3'0	+9'7	-2'4	+11'3	-2'8	+14'5	-3'2	+17'7	+2'5	+18'2	+0'8	+20'5	+1'2	+21'3	-1'8
" 6-10	+6'7	+8'5	+4'6	+10'6	+6'5	+10'7	+10'0	+10'8	+9'1	+9'6	+7'3	+11'2	+10'3	+15'0	+9'2	+16'3	+8'4	+17'7	+6'0	+16'3	+8'6	+17'8	+5'3	+17'9
" 11-15	+0'5	+4'9	+1'8	+5'8	+1'7	+3'3	+0'9	+3'2	-1'0	+2'4	+2'1	+1'9	+1'4	+1'9	+1'4	+2'9	+3'3	+7'1	+1'5	+5'9	+1'4	+9'7	+5'2	+6'9
" 16-20	-10'4	+3'5	-7'6	+3'5	-7'3	+3'1	-8'1	+3'8	-6'6	+2'9	-5'9	+4'1	-7'3	+2'7	-10'5	+3'1	-13'5	+4'1	-15'3	+2'6	-17'6	+2'4	-19'0	+2'0
" 21-25	-1'0	-13'8	-1'4	-9'8	-1'9	-12'8	-2'6	-11'7	-0'9	-18'1	+2'5	-12'2	+0'9	-16'9	-0'9	-14'3	-1'1	-14'0	-3'9	-17'0	-5'7	-17'7	-4'3	-18'3
" 26-30	+3'6	-3'4	+1'8	-4'6	+3'0	-3'2	+3'2	-1'7	+2'6	-1'5	+4'6	-3'6	+5'1	-5'3	+7'5	-4'7	+8'2	-4'1	+8'8	-5'2	+11'0	-6'5	+8'7	-8'1
May 1-5	0'0	+2'9	+0'8	+3'6	-0'9	+2'4	-1'3	+3'8	-1'1	+1'8	-3'4	+4'4	-3'8	+3'2	-1'5	+2'8	-3'6	-0'4	-3'4	+1'0	-1'6	-0'1	-0'4	-1'0
" 6-10	-6'4	-8'5	-6'7	-6'6	-4'0	-5'4	-3'5	-5'7	-3'0	-6'6	-2'6	-5'2	-1'6	-5'6	-1'2	-4'6	-1'3	-3'7	-1'9	-4'7	-4'7	-6'8	-3'6	-7'7
" 11-15	+7'1	-2'5	+7'2	-3'1	+10'3	-1'6	+7'4	0'0	+9'7	-0'6	+9'4	+1'6	+10'7	+0'1	+10'0	+1'4	+10'5	+0'4	+11'5	-1'2	+12'3	-1'5	+12'9	-2'4
" 16-20	+7'5	-6'7	+7'3	-6'9	+6'2	-8'4	+9'0	-5'3	+6'3	-7'3	+6'6	-7'6	+4'6	-8'5	+3'1	-10'5	-0'5	-12'2	-0'2	-13'3	-1'5	-13'0	-2'7	-12'7
" 21-25	+5'7	-10'3	+6'2	-9'6	+5'3	-8'8	+4'6	-7'7	+7'0	-8'2	+6'0	-6'8	+7'5	-7'1	+9'8	-6'5	+8'5	-4'7	+11'8	-6'6	+10'2	-8'7	+11'1	-9'5
" 26-30	+1'3	+4'1	+3'1	+3'9	+3'1	+2'8	+1'9	+2'8	+3'8	+2'6	+5'8	+4'0	+3'6	+5'2	+6'7	+7'6	+8'7	+10'8	+6'5	+10'5	+5'3	+12'5	+5'0	+11'6
June 31-4	-1'1	+4'7	-0'5	+5'9	-2'2	+6'6	-0'3	+5'4	+0'1	+6'6	-2'8	+9'2	-3'2	+6'2	-4'4	+8'0	-3'9	+8'5	-7'5	+7'5	-7'6	+8'9	-6'9	+5'0
" 5-9	-18'4	-2'2	-17'5	-4'2	-16'9	-1'7	-16'7	-2'3	-17'8	-2'5	-18'4	-4'0	-16'7	-6'0	-14'5	-9'0	-13'9	-6'3	-12'8	-5'3	-14'8	-5'4	-15'5	-4'6
" 10-14	-4'6	-2'2	-7'4	-0'6	-7'5	-1'2	-7'7	-0'1	-7'9	-0'2	-8'2	-0'3	-9'6	-0'7	-11'0	-1'7	-10'0	-3'0	-10'7	-2'4	-10'7	-6'7	-11'2	-9'1
" 15-19	-2'0	+3'2	-2'3	+3'5	-2'5	+3'3	-0'3	+2'6	-0'6	+0'8	+1'3	+1'6	-0'2	+2'9	+0'4	+5'7	+0'1	+5'3	-2'0	+3'9	-2'0	+3'7	-4'6	+2'6
" 20-24	+2'3	-0'7	+0'6	+0'8	-0'6	-0'1	+1'0	+0'2	+2'5	+1'0	0'0	+1'6	+1'4	+1'4	-0'2	+3'6	-0'1	+5'4	-1'7	+4'2	0'0	+5'7	-2'7	-0'2
" 25-29	+4'4	0'0	+4'5	+1'2	+2'9	+0'7	+1'6	0'0	+2'8	+0'8	+1'3	+0'9	+2'7	-0'6	+6'5	+0'5	+6'8	0'0	+9'1	+0'1	+6'7	-2'5	+7'4	-5'7

COMPONENTS for FIVE-DAY PERIODS.

LAT. 51° 55' N. LONG. 10° 18' W.

P.M.																						Mid.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.			
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
+ 3'7	-11'8	+ 3'2	-12'5	+ 0'3	-10'4	0'0	-7'9	- 0'6	-11'7	- 3'1	- 9'8	- 5'1	- 9'7	- 1'6	-13'8	+ 0'9	-15'5	+ 3'9	-17'7	+ 2'5	-19'8	+ 1'5	-17'8	- 2'7	-13'1
+ 8'3	- 4'3	+ 6'3	- 3'7	+ 8'0	- 2'8	+ 4'8	- 3'1	+ 3'6	- 2'6	+ 4'1	- 0'3	+ 1'2	+ 1'7	+ 1'7	+ 0'5	- 0'7	+ 0'5	- 1'7	- 3'0	- 5'7	- 4'5	- 4'5	- 7'3	+ 5'0	- 4'5
- 3'6	- 0'3	- 3'3	- 1'9	- 3'1	- 3'0	+ 2'6	+ 4'0	- 0'9	+ 3'4	- 1'9	+ 2'9	- 4'1	+ 2'7	- 2'8	+ 2'0	- 5'3	+ 0'2	- 8'8	- 0'3	- 4'0	+ 1'9	- 6'6	+ 4'2	- 3'4	- 0'6
- 1'7	- 7'7	- 3'0	-13'6	- 1'6	-14'3	- 0'4	-10'9	- 2'9	-11'2	- 1'8	-11'7	- 2'9	-10'2	- 3'9	- 8'9	- 4'2	-10'7	- 5'6	- 9'9	- 8'2	-10'6	-10'9	-11'3	- 9'9	- 6'9
-27'0	+ 1'2	-27'0	0'0	-26'5	+ 1'1	-25'1	+ 1'4	-23'6	+ 1'6	-20'6	+ 1'2	-22'5	+ 4'2	-22'3	+ 5'6	-24'8	+ 5'7	-27'3	+ 3'0	-27'4	+ 3'6	-27'6	+ 6'1	-22'7	+ 2'6
-35'4	- 3'3	-37'5	- 5'5	-30'4	-10'4	-22'8	- 4'1	-10'4	- 5'5	-19'9	- 3'5	-23'6	- 0'4	-23'8	- 2'4	-21'8	- 3'7	-19'4	- 3'9	-21'0	- 2'3	-21'1	- 3'4	-28'4	- 2'9
-25'3	-15'7	-31'8	-17'7	-30'3	-19'9	-28'8	-18'5	-30'2	-16'5	-16'9	-16'4	-18'6	-14'4	-21'9	-11'9	-25'7	-11'1	-26'1	- 8'0	-29'0	- 8'7	-32'1	- 9'8	-24'6	-12'9
-13'9	+19'5	-14'9	+18'0	-17'1	+18'4	-17'0	+15'3	-17'7	+15'4	-13'0	+14'6	-16'4	+11'1	-11'8	+ 9'3	-13'0	+ 8'1	-12'7	+ 7'3	-12'5	+12'5	-13'2	+17'5	-13'7	+15'3
+ 3'3	+ 8'9	+ 7'3	+ 6'5	+ 7'2	+ 5'9	+11'3	+ 6'3	+11'4	+ 8'7	+10'6	+10'8	+ 6'9	+ 5'5	+ 8'9	+ 6'6	+ 6'1	+ 6'8	+ 8'9	+ 8'6	+ 6'8	+ 5'9	+ 2'0	+ 4'4	+ 5'4	+ 5'8
- 3'9	- 1'3	- 5'1	- 3'2	- 5'7	- 2'1	- 6'8	- 3'3	- 7'4	- 4'5	- 8'4	- 3'9	- 5'0	- 2'8	- 4'7	- 2'6	- 3'2	- 0'8	- 6'1	- 0'4	- 6'3	- 2'0	- 6'8	- 2'9	- 3'3	- 1'9
-25'3	-12'8	-22'8	-10'5	-31'5	-10'0	-25'0	-11'5	-24'2	-12'1	-25'6	-12'4	-24'0	-11'6	-22'4	-14'9	-24'7	-12'6	-23'2	- 8'9	-25'3	- 8'9	-23'1	- 8'2	-26'9	-11'7
-28'0	+15'7	-28'6	+12'5	-27'2	+10'9	-27'6	+10'6	-27'8	+11'8	-25'6	+10'1	-24'6	+12'1	-24'8	+13'3	-25'2	+15'4	-26'2	+ 7'2	-23'9	+11'8	-24'3	+10'9	-23'1	+12'6
- 4'9	+ 0'9	- 5'3	- 3'2	- 3'6	- 3'4	- 4'5	- 1'8	- 2'9	- 1'6	- 2'7	- 1'7	- 4'2	- 1'5	- 4'1	- 1'1	- 2'6	- 0'5	- 2'5	+ 0'2	- 1'0	- 0'5	- 1'4	- 0'8	- 2'1	- 0'6
- 6'0	+ 6'2	- 4'4	+ 1'4	- 3'1	+ 2'3	- 1'1	+ 1'8	- 1'5	+ 2'2	- 1'5	+ 4'6	+ 0'7	+ 4'1	+ 1'6	+ 8'4	+ 3'2	+ 8'4	+ 0'8	+10'8	+ 3'0	+10'0	+ 4'0	+ 9'8	- 2'2	+ 6'5
+14'1	+ 9'5	+14'2	+10'6	+16'7	+ 7'5	+15'8	+ 8'2	+15'5	+ 8'9	+16'4	+ 8'5	+14'1	+ 8'5	+11'5	+ 9'1	+11'1	+10'7	+ 9'0	+10'9	+10'0	+10'0	+ 8'9	+11'8	+11'9	+ 9'8
-11'0	+10'2	- 8'9	+ 8'0	- 8'2	+ 6'6	-10'2	+ 9'1	- 8'6	+ 7'5	- 8'5	+ 5'6	- 6'2	+ 9'9	- 6'5	+13'5	- 7'5	+12'2	- 6'8	+ 2'1	- 2'4	- 1'8	+ 1'4	- 3'8	- 4'8	+ 6'9
- 4'1	-24'8	- 3'4	-23'9	- 4'3	-23'0	- 6'5	-18'4	+ 0'2	-21'1	- 4'6	-16'8	- 4'2	-15'3	- 1'2	-13'3	+ 1'6	-15'3	+ 1'7	-13'6	+ 1'3	-15'8	+ 2'3	-16'6	- 0'6	-19'6
+ 4'5	- 5'9	+ 5'1	- 7'9	+ 2'2	- 8'3	+ 2'7	- 8'6	+ 3'5	- 9'2	+ 4'5	- 4'3	+ 5'2	- 3'6	+ 5'4	- 2'4	+ 3'6	- 1'6	+ 6'7	- 2'3	+ 6'2	- 1'2	+ 5'4	- 3'0	+ 3'3	- 4'7
+20'4	- 1'3	+22'6	+ 0'9	+20'8	- 1'5	+18'2	- 1'2	+18'5	- 3'8	+16'6	- 1'8	+16'2	- 2'0	+14'4	- 4'7	+12'6	- 4'2	+ 9'4	- 1'3	+10'4	- 1'9	+ 6'2	- 5'5	+14'7	- 2'2
+ 6'4	+18'4	+ 2'7	+14'1	+ 6'5	+15'5	+ 7'6	+15'3	+ 5'2	+12'9	+ 6'7	+12'3	+ 5'0	+ 6'9	+ 2'2	+13'2	+ 5'6	+13'1	+ 3'5	+12'6	+ 5'8	+ 6'5	+ 6'1	+10'1	+ 6'5	+13'1
+ 4'4	+ 5'8	+ 6'7	+ 5'2	+ 4'8	+ 5'1	+ 0'6	- 5'4	+ 3'0	- 3'5	+ 1'7	+ 1'6	+ 0'4	+ 1'8	+ 2'5	+ 1'7	+ 3'4	+ 5'0	- 0'2	+ 3'5	- 1'5	+ 4'7	+ 0'7	+ 3'0	+ 2'0	+ 3'5
-19'0	+ 2'9	-18'4	- 1'2	-17'2	- 0'9	-16'6	+ 0'2	-16'3	- 1'0	-15'5	+ 0'5	-13'7	- 1'4	-11'3	- 0'6	-11'3	+ 1'0	-10'8	+ 2'8	-11'0	+ 3'8	-12'9	+ 4'5	-12'6	+ 2'0
- 2'1	-18'9	- 5'1	-21'1	- 5'3	-20'1	- 7'3	-18'9	-11'1	-20'1	- 9'7	-20'7	-12'1	-18'9	- 9'5	-14'6	- 1'4	-18'3	+ 0'8	-15'3	+ 4'6	-15'4	+ 5'8	-12'8	- 3'0	-16'3
+ 7'5	- 9'9	+11'0	-12'0	+ 8'9	-11'0	+ 8'2	-12'3	+10'2	-10'3	+10'1	- 5'2	+ 8'4	- 6'1	+ 7'3	- 3'6	+ 3'2	- 0'2	+ 1'9	- 1'5	+ 1'5	- 1'5	+ 1'6	- 3'7	+ 6'2	- 5'4
- 2'2	- 1'4	- 1'8	- 2'5	- 1'0	- 4'1	- 1'8	- 4'1	- 1'0	- 4'9	0'0	+ 1'2	+ 1'0	+ 3'8	- 1'2	+ 3'5	- 1'0	+ 1'3	- 1'7	+ 1'8	- 0'8	+ 0'1	- 1'6	+ 1'9	- 1'4	+ 0'9
- 6'9	- 9'5	- 6'5	-10'1	- 7'4	-10'8	- 8'2	- 9'5	- 8'5	- 9'0	- 7'8	- 9'0	- 6'1	- 8'7	- 7'1	- 5'9	- 7'0	- 5'9	- 6'7	- 4'1	- 8'5	- 6'2	- 9'6	- 7'3	- 5'5	- 7'0
+15'9	- 2'3	+17'0	- 4'9	+15'7	- 4'9	+15'9	- 3'9	+15'0	- 5'7	+14'1	- 3'6	+12'8	- 3'2	+12'7	- 2'3	+11'8	- 2'4	+10'5	- 1'2	+ 7'5	- 0'9	+ 7'5	- 2'9	+11'5	- 2'0
- 2'7	-16'3	+ 0'5	-12'9	+ 1'0	-14'1	+ 0'8	-14'0	+ 1'7	-15'9	+ 3'6	-15'2	+ 3'3	-15'5	+ 2'0	-16'4	+ 3'2	-17'8	+ 1'8	-17'4	+ 5'6	-14'4	+ 6'4	-15'3	+ 3'0	-12'3
+11'9	- 9'4	+ 6'4	-10'1	+ 6'6	- 9'2	+ 7'4	- 8'6	+10'6	- 8'1	+12'0	- 6'1	+ 8'3	- 6'6	+ 8'9	- 7'9	+ 7'8	- 8'2	+ 8'9	- 7'7	+ 8'0	- 6'5	+ 8'1	- 5'2	+ 8'3	- 7'8
+ 5'5	+ 8'9	+ 5'4	+10'1	+ 3'1	+ 8'7	+ 1'2	+ 8'9	- 1'4	+ 6'7	- 0'3	+ 2'9	+ 0'7	+ 1'5	+ 2'7	+ 0'5	+ 4'6	- 1'2	+ 1'8	+ 1'8	+ 1'5	+ 3'5	+ 2'6	+ 0'9	+ 3'4	+ 5'5
- 2'1	+ 2'1	- 5'3	- 0'8	- 8'3	- 0'4	- 9'4	- 1'5	- 8'6	+ 0'7	- 7'2	- 1'9	- 4'6	+ 1'9	- 1'4	+ 2'4	- 0'7	+ 5'8	+ 0'7	+ 4'9	- 3'8	+ 5'2	- 5'9	+ 4'0	- 4'0	+ 4'4
-13'9	- 4'6	-14'3	- 5'6	-13'3	- 5'5	-13'4	- 7'1	-15'0	- 3'1	-13'5	- 3'3	-12'8	- 3'9	-12'8	- 4'9	-12'7	- 6'5	-11'2	- 7'2	-11'1	- 4'9	-14'7	- 3'0	-14'7	- 4'7
-11'5	-11'1	-12'9	-12'0	-11'4	-10'1	- 8'3	-11'4	- 8'4	-10'3	- 7'3	- 8'9	- 6'1	- 9'3	- 6'3	- 7'6	- 6'1	- 5'6	- 5'2	- 0'5	- 5'4	- 0'8	- 5'9	- 1'7	- 8'4	- 4'8
- 8'6	+ 2'2	- 7'0	- 0'4	- 4'9	- 1'0	- 6'5	+ 0'7	- 9'4	- 1'7	- 7'7	- 3'2	- 7'7	- 0'9	- 5'0	+ 2'7	- 3'1	+ 2'7	- 1'5	+ 1'6	- 2'3	+ 3'0	+ 0'1	+ 3'7	- 3'3	+ 2'0
- 6'2	- 1'4	- 4'6	+ 0'9	- 5'4	- 5'6	- 2'7	- 5'4	- 2'0	- 6'6	+ 3'2	- 4'2	+ 3'4	- 2'0	+ 1'6	0'0	+ 1'6	+ 0'3	0'0	0'0	+ 0'7	- 1'0	0'0	0'0	- 0'3	- 0'1
+ 5'0	- 6'4	+ 7'3	- 7'6	+ 8'0	- 8'5	+ 6'8	- 8'2	+ 8'6	- 6'9	+ 9'5	- 5'4	+ 9'3	- 4'4	+10'2	- 2'8	+ 7'1	- 1'7	+ 7'1	- 2'2	+ 5'5	0'0	+ 5'7	+ 0'6	+ 6'1	- 2'4

E 63591.

B

TABLE IV.—MEAN HOURLY and DAILY WIND

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1887.																								
July 30-4	-0.2	+1.0	+0.7	-1.6	-0.4	-1.8	+0.5	-2.6	-0.4	-2.2	-0.6	-2.9	-1.8	-5.6	-3.7	-4.7	-3.6	-8.4	-4.0	-8.8	-1.8	-8.1	+0.9	-7.8
" 5-9	-13.5	+3.3	-12.9	+3.5	-11.5	+3.0	-11.9	+4.5	-11.6	+2.5	-15.5	+3.0	-14.3	+1.5	-15.6	+1.1	-14.9	-5.9	-12.1	+3.5	-12.4	-4.3	-15.4	-9.7
" 10-14	-14.1	-8.3	-12.5	-13.7	-11.0	-11.0	-13.3	-8.4	-13.7	-11.7	-17.9	-9.9	-20.0	-8.8	-19.9	-15.8	-22.8	-16.7	-19.1	-15.3	-18.9	-19.5	-19.9	-19.3
" 15-19	+3.4	+0.3	+5.8	+0.3	+6.4	+0.2	+5.2	-0.3	+4.8	+0.4	+4.4	+1.4	+4.7	+1.7	+7.5	+2.5	+7.6	-0.6	+8.4	-1.4	+11.1	-4.4	+14.5	-3.0
" 20-24	+0.1	-4.9	-2.5	-5.9	-2.9	-3.4	-3.7	-5.0	-4.3	-5.8	-2.5	-7.0	-2.1	-6.4	+0.5	-4.5	+3.7	-5.0	+4.2	-4.6	+2.7	-6.3	+2.5	-9.4
" 25-29	-21.9	-8.1	-24.0	-7.9	-17.2	-9.6	-14.2	-6.6	-18.5	-6.8	-14.9	-8.6	-15.6	-9.5	-15.0	-9.8	-16.1	-9.4	-17.9	-8.8	-15.0	-9.2	-19.5	-7.2
Aug. 30-3	-4.3	-0.8	-0.9	+1.6	-3.0	+0.3	-3.0	+3.0	-2.4	+2.0	-1.3	+3.9	-2.9	+4.1	-3.4	+0.9	-5.3	-1.6	-6.3	-2.6	-5.0	-4.4	-8.9	-5.4
" 4-8	-6.4	+5.0	-6.4	+7.7	-7.0	+5.7	-7.1	+4.1	-7.7	+5.1	-8.4	+6.4	-9.8	+5.2	-9.2	+4.3	-9.9	+4.5	-10.3	+3.9	-11.4	+2.6	-12.4	-0.8
" 9-13	+8.7	+0.9	+8.8	-0.2	+9.2	+2.9	+7.3	+0.6	+7.7	+0.5	+5.4	+0.5	+4.9	-0.8	+8.8	+0.9	+10.5	+0.3	+8.0	+2.9	+10.2	-1.3	+9.2	-4.2
" 14-18	+3.3	-1.1	+4.1	-1.2	+3.9	-0.5	+5.1	-0.2	+2.7	-0.2	+2.6	+0.5	+0.6	+0.9	+1.8	-0.7	+2.3	+2.0	+0.7	-0.3	+1.3	-1.2	+2.5	-3.1
" 19-23	-10.6	+2.7	-9.8	+2.2	-9.1	+0.7	-8.2	+2.2	-12.5	+4.8	-15.6	+3.0	-18.5	+2.8	-12.0	+3.7	-11.6	+5.8	-9.8	+5.7	-10.9	+6.1	-12.1	+4.1
" 24-28	-23.7	+5.0	-22.9	+4.9	-20.7	+6.7	-20.0	+9.6	-24.1	+9.7	-19.0	+2.1	-17.1	+4.5	-18.8	+5.2	-20.4	+3.4	-21.4	+1.9	-21.5	+0.2	-25.1	+3.0
Sept. 29-2	+0.4	-20.0	-0.7	-19.5	+1.3	-18.9	+1.9	-17.3	-0.5	-16.3	-1.5	-15.5	-1.4	-15.9	-4.4	-9.6	-9.3	-10.9	-5.4	-9.7	-4.5	-8.1	-7.1	-9.1
" 3-7	-7.8	-8.0	-8.9	-4.3	-10.3	-5.9	-7.5	-14.0	-4.5	-13.7	-2.6	-12.0	-1.1	-15.5	-3.1	-12.2	-3.7	-12.9	-2.3	-13.1	-5.0	-13.5	-8.3	-11.8
" 8-12	-4.7	-5.0	-3.4	-8.1	-2.5	-8.0	-2.2	-8.0	-0.6	-7.6	+1.3	-8.4	0.0	-8.4	-2.1	-8.3	-1.9	-8.1	-1.3	-7.5	-1.1	-9.4	+0.3	-7.5
" 13-17	+4.0	-1.4	+2.6	-1.5	+4.5	-1.7	+5.2	-0.5	+5.3	-0.5	+4.0	-0.6	+3.3	+1.3	+3.4	+1.0	+2.1	+1.7	+5.4	+0.5	+4.3	+0.6	+5.0	+1.8
" 18-22	+2.4	+5.8	+3.4	+4.7	+2.5	+5.0	+2.7	+4.0	+2.2	-0.6	+1.8	+4.6	-0.4	+2.2	+3.0	+3.4	+1.1	+3.9	+5.3	+6.3	+3.6	+5.5	+0.1	+4.0
" 23-27	+0.7	-6.1	-0.2	-6.7	+2.0	-5.2	+1.6	-5.5	+0.4	-7.4	+0.8	-7.5	+2.5	-7.9	+6.8	-5.0	+5.9	-3.0	+5.6	-4.8	+3.8	-4.2	+3.6	-4.0
Oct. 28-2	+10.1	+1.4	+9.2	-0.5	+9.1	+0.2	+9.0	+1.6	+8.6	0.0	+11.3	+2.1	+8.1	-0.5	+11.7	+0.3	+13.4	+0.7	+11.7	+0.8	+14.2	+1.4	+15.6	+2.2
" 3-7	+3.4	+1.2	+1.2	+3.6	+0.8	+2.8	+1.7	+3.6	+2.6	+2.7	+1.5	+2.2	+1.3	+0.5	+2.5	+1.3	+0.6	+0.8	+1.8	+1.7	+2.7	+1.8	+3.8	+1.2
" 8-12	+7.9	-0.1	+9.7	+0.7	+8.3	+1.2	+6.9	+0.1	+7.7	+0.3	+12.4	+4.9	+12.3	+0.1	+12.1	+2.0	+15.5	+3.3	+12.6	+3.4	+13.6	+5.6	+14.3	+3.6
" 13-17	+4.8	+1.4	+5.8	+2.2	+5.5	+2.5	+4.5	+4.1	+5.0	+2.7	+4.5	+2.2	+5.2	+2.4	+6.3	+2.1	+7.9	+4.2	+6.4	+3.9	+8.1	+2.3	+8.8	+2.8
" 18-22	-3.4	+1.2	-5.7	+4.6	-6.4	+5.8	-6.1	+4.5	-6.4	+2.7	-6.3	+3.2	-7.7	+4.2	-7.8	+4.3	-8.7	+3.2	-9.8	+3.8	-9.6	+7.2	-11.1	+6.5
" 23-27	-11.7	-0.4	-10.7	-0.4	-8.7	-2.6	-9.2	-3.6	-9.4	-2.8	-8.2	-4.5	-8.0	-4.2	-8.3	-4.0	-7.4	-5.4	-6.7	-1.5	-10.2	+0.6	-9.5	-0.1
Nov. 28-1	-9.2	-16.8	-6.5	-17.3	+4.9	-18.5	+4.5	-15.6	+2.1	-18.3	+2.4	-18.9	+5.3	-22.7	-1.1	-21.8	+0.6	-20.6	-5.0	-21.3	-8.5	-20.9	-11.2	-20.2
" 2-6	+3.3	-20.6	+0.8	-19.1	+2.7	-13.6	+6.1	-15.6	+5.6	-14.7	+4.7	-10.9	-0.4	-9.7	-2.6	-10.1	-2.8	-7.4	-1.5	-5.3	+0.9	-4.5	-1.4	-5.2
" 7-11	+8.3	+7.0	+9.5	+6.1	+9.7	+8.5	+8.0	+8.5	+7.7	+7.1	+6.8	+1.9	+4.7	+4.8	+8.3	+5.6	+8.0	+5.3	+8.4	+8.3	+7.8	+7.9	+10.5	+8.2
" 12-16	+3.8	+2.7	+3.0	+3.0	+2.8	+3.2	+6.4	+3.2	+5.6	+4.8	+3.9	+1.9	+4.6	+3.2	+5.0	+3.1	+5.4	+0.9	+3.5	+2.2	+1.0	-0.2	+2.4	+2.5
" 17-21	+2.0	-3.3	+2.9	-6.9	+2.0	-2.9	+0.7	-1.2	+3.1	-5.5	+2.8	-5.9	+2.3	-9.2	+3.2	-6.1	+4.3	-3.7	+3.1	+1.2	+1.7	-3.7	+2.5	-5.6
" 22-26	-2.5	-7.6	-2.4	-4.5	-1.9	-3.3	-2.6	-2.2	-0.8	+0.1	-1.7	+3.5	-0.4	+2.8	+0.6	+2.3	-2.1	+3.2	-4.7	+1.1	-5.6	+4.2	-4.4	+3.0
Dec. 27-1	-4.0	-16.1	-3.0	-11.9	-1.1	-11.7	-0.8	-14.6	-1.5	-15.8	-2.9	-13.0	-0.2	-10.4	+0.3	-12.3	-2.1	-9.5	+1.4	-11.1	-0.1	-10.4	-0.7	-14.1
" 2-6	-19.2	-9.9	-19.1	-12.4	-3.7	-12.3	-0.5	-11.1	-2.3	-12.5	+3.6	-8.9	+0.9	-6.5	-1.0	-8.4	-1.4	-7.1	-2.4	-6.8	-3.8	-9.6	-4.6	-10.4
" 7-11	-2.2	-7.9	-0.3	-10.4	+2.3	-18.1	+4.6	-18.5	+4.3	-19.3	+6.3	-16.0	+6.4	-14.3	+2.9	-14.6	+5.4	-12.8	+4.1	-10.5	+3.6	-10.6	-0.7	-12.1
" 12-16	-15.6	-15.0	-14.3	-14.5	-15.3	-15.1	-11.5	-16.2	-11.4	-17.7	-7.0	-16.9	-2.0	-16.7	-5.3	-15.4	-8.3	-15.9	-9.7	-10.8	-10.6	-13.6	-10.9	-13.9
" 17-21	+14.7	-11.1	+11.6	-12.8	+13.9	-11.0	+11.7	-10.2	+10.7	-8.2	+8.8	-11.8	+9.9	-9.9	+8.5	-10.2	+10.9	-11.6	+12.1	-9.3	+9.2	-7.2	+11.8	-9.9
" 22-26	+1.2	+0.2	+1.2	-1.8	+1.3	-2.0	+2.4	-1.0	+3.1	-2.0	+1.8	-0.8	+4.1	-0.8	+3.2	-0.6	+5.0	+0.1	+5.4	+1.6	+5.6	+1.5	+4.6	+1.4
" 27-31	-0.2	+6.6	+3.1	+4.5	+4.1	+6.3	+5.0	+5.6	+1.3	+4.1	+0.2	+1.7	+3.4	+0.4	+0.8	+2.9	+1.6	+0.3	+1.6	+1.2	+0.9	+4.1	+1.0	+4.8

COMPONENTS for FIVE-DAY PERIODS—continued.

P.M.																						Midt.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.			
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
+ 3'4	- 8'9	+ 1'9	- 9'3	+ 1'5	- 8'9	+ 4'4	- 9'0	+ 5'7	- 8'1	+ 5'8	- 6'7	+ 4'5	- 5'4	+ 4'2	- 3'9	+ 3'6	- 3'1	+ 2'5	- 2'5	+ 1'2	- 0'7	- 0'3	- 1'6	+ 1'0	- 5'1
-16'0	- 8'4	-17'8	- 8'4	-15'8	- 8'6	-13'7	- 9'0	-13'0	-11'3	-10'6	- 5'8	-11'1	- 4'6	- 9'4	- 3'5	- 9'2	- 4'1	- 7'8	- 1'0	- 8'4	+ 1'1	-12'1	+ 0'7	-12'8	- 2'6
-20'8	-17'7	-15'4	-22'3	-12'5	-18'3	-14'1	-15'7	-13'2	-18'6	-12'7	-15'4	-12'8	-12'4	-12'8	- 9'3	-10'3	- 9'0	-10'9	- 8'6	- 9'0	-10'0	-12'7	- 5'6	-15'0	-13'4
+13'6	- 3'3	+12'3	- 5'9	+12'1	- 6'9	+11'8	- 4'1	+11'3	- 3'6	+12'1	- 3'1	+11'5	- 2'6	+ 9'4	0'0	+ 8'2	+ 0'4	+ 6'1	- 0'2	+ 7'3	- 0'2	+ 7'6	- 0'5	+ 8'7	- 1'4
+ 2'6	- 9'2	+ 3'3	- 5'0	+ 2'7	- 7'2	+ 3'1	- 8'9	+ 2'5	- 7'1	+ 4'6	- 7'5	+ 2'8	- 6'9	+ 1'9	- 6'8	+ 2'1	- 6'7	+ 0'3	- 6'5	- 0'4	- 5'6	- 2'7	- 6'5	+ 0'8	- 6'3
-15'7	-16'2	-18'4	-13'5	-18'0	-13'8	-19'0	-11'8	-20'9	-10'0	-19'3	-12'3	-19'0	- 9'3	-15'1	- 4'3	-17'0	- 2'5	-17'7	- 7'8	-19'1	- 7'4	-21'0	-10'3	-17'8	- 9'2
- 9'9	- 3'9	-10'4	- 4'2	- 8'9	- 2'7	- 8'9	- 4'3	- 7'7	- 4'2	- 7'5	- 2'4	- 6'9	- 3'1	- 5'0	+ 0'5	- 3'5	+ 1'5	- 1'9	+ 2'3	- 2'8	+ 3'4	- 3'9	+ 5'8	- 5'2	- 0'4
-11'8	- 3'3	-11'8	- 4'8	-11'0	- 5'5	-12'5	- 5'0	-12'1	- 2'9	- 9'6	- 2'0	- 6'8	- 4'2	- 2'4	- 0'6	- 1'1	- 0'9	- 1'3	- 0'9	- 2'0	- 0'1	- 3'3	+ 0'7	- 8'0	+ 1'0
+ 6'9	- 4'2	+ 7'1	- 4'5	+ 9'0	- 6'4	+12'0	- 2'8	+ 8'3	- 0'4	+13'0	- 1'7	+11'4	- 0'8	+10'9	- 1'2	+11'1	- 1'3	+10'2	- 1'0	+10'3	- 0'5	+11'2	+ 1'4	+ 9'2	- 0'8
+ 0'7	- 5'5	+ 6'2	- 5'1	+ 5'8	- 7'8	+ 4'7	- 8'7	+ 6'6	- 8'3	+ 7'8	- 7'0	+ 6'0	- 6'5	+ 6'3	- 4'3	+ 5'9	- 2'2	+ 6'3	- 3'9	+ 3'1	- 1'2	+ 2'1	- 1'3	+ 3'8	- 2'8
-12'2	- 1'3	-10'7	+ 2'4	-10'9	+ 5'2	-11'6	+ 5'0	-13'1	+ 3'8	-13'3	+ 5'2	-14'1	+ 1'3	-10'2	+ 4'1	-10'6	+ 3'8	-10'8	+ 3'7	-12'8	+ 5'2	-12'9	+ 6'3	-11'5	+ 3'7
-25'5	+ 2'1	-27'0	+ 2'3	-28'6	- 2'0	-26'9	+ 0'7	-24'8	- 4'1	-24'0	+ 1'6	-17'6	+ 1'0	-20'8	+ 2'0	-21'9	+ 3'6	-22'1	+ 3'2	-23'6	+ 1'4	-22'9	+ 1'4	-22'6	+ 2'9
- 8'8	- 9'7	-13'5	-14'4	- 9'1	-14'5	- 8'5	-14'4	- 7'4	-15'2	- 2'0	-15'7	- 0'1	-16'7	+ 6'7	-14'4	+ 4'0	-15'5	+ 4'9	-15'3	+ 3'7	-16'3	+ 1'6	-17'4	- 2'5	-14'4
- 6'5	-14'3	- 3'3	-13'8	+ 1'1	-15'9	+ 0'2	-12'7	+ 4'5	-12'7	+ 4'8	-11'4	+ 5'4	- 9'4	+ 4'3	- 8'4	+ 5'4	- 6'9	+ 2'2	- 7'2	+ 0'1	- 5'6	- 2'8	- 7'9	- 2'1	-10'9
+ 1'2	- 9'6	+ 0'5	- 8'6	- 0'7	- 8'7	- 0'7	- 8'1	- 1'0	- 9'2	- 2'4	- 7'3	- 1'3	- 6'7	- 3'0	- 6'7	- 1'4	- 7'9	- 1'7	- 7'8	- 3'5	- 5'4	- 2'0	- 5'2	- 1'4	- 7'7
+ 4'0	- 0'6	+ 5'6	- 1'9	+ 5'9	- 2'1	+ 6'6	- 0'4	+ 5'8	- 1'5	+ 4'6	- 0'5	+ 5'9	- 1'2	+ 3'5	- 0'5	+ 4'7	0'0	+ 3'1	+ 1'7	+ 4'9	+ 3'5	+ 3'1	+ 1'9	+ 4'5	0'0
- 2'1	+ 4'8	- 1'2	+ 2'3	- 4'3	0'0	- 2'9	- 1'2	- 3'3	- 0'2	- 1'8	+ 0'2	- 1'2	+ 1'9	+ 0'4	+ 1'5	- 0'5	+ 1'3	- 0'9	+ 0'4	- 0'4	+ 1'8	+ 1'5	+ 1'8	+ 0'5	+ 2'6
+ 5'0	- 5'2	+ 3'1	- 6'6	+ 5'1	- 7'2	+ 3'7	- 9'7	+ 5'4	- 9'3	+ 5'5	- 6'2	+ 2'1	- 5'3	+ 3'2	- 6'1	+ 3'5	- 8'3	+ 4'0	- 8'0	+ 3'1	- 6'1	+ 4'4	- 7'9	+ 3'3	- 6'4
+14'0	+ 1'4	+11'6	- 0'9	+12'0	- 1'9	+11'6	+ 1'1	+14'5	+ 3'3	+12'7	+ 2'8	+11'9	+ 4'3	+ 9'3	+ 9'0	+ 7'7	+ 4'1	+ 7'7	+ 2'9	+ 6'3	+ 2'0	+ 8'4	+ 2'2	+10'8	+ 1'7
+ 5'6	+ 0'3	+ 6'9	+ 0'6	+ 3'9	+ 1'1	+ 3'1	- 0'6	+ 2'4	- 0'9	+ 3'1	- 0'1	+ 1'6	+ 1'7	+ 1'2	+ 0'8	+ 1'2	+ 0'8	+ 0'7	+ 1'0	+ 0'7	+ 0'7	0'0	0'0	+ 2'3	+ 1'2
+14'0	+ 1'6	+16'9	- 0'4	+15'2	+ 3'0	+17'5	+ 1'7	+16'6	+ 3'3	+13'9	+ 1'2	+15'7	+ 1'6	+15'3	+ 3'3	+13'6	+ 2'4	+10'5	+ 2'7	+11'2	+ 1'3	+12'5	- 0'2	+12'8	+ 1'8
+ 8'5	+ 0'5	+10'5	+ 3'6	+10'3	+ 4'1	+ 9'1	+ 4'1	+ 8'2	+ 2'4	+ 7'2	+ 3'9	+ 5'9	+ 4'9	+ 7'6	+ 2'6	+ 3'4	+ 2'1	+ 4'6	+ 3'8	+ 2'4	+ 2'8	+ 3'6	+ 0'4	+ 6'4	+ 2'8
-12'0	+ 5'8	-11'3	+ 3'4	-10'9	+ 1'6	- 9'5	+ 2'2	- 6'1	+ 2'8	- 6'8	+ 2'7	- 5'5	+ 0'7	- 5'1	+ 1'3	- 6'9	+ 0'8	- 5'9	+ 1'7	- 4'0	+ 1'1	- 4'7	+ 2'4	- 7'4	+ 3'2
- 8'1	- 1'8	- 8'0	- 2'0	- 8'8	- 2'6	- 7'1	- 3'1	- 8'9	- 1'9	- 7'7	- 2'8	- 7'7	- 4'0	-10'1	- 2'7	-10'9	- 4'7	-12'2	- 4'3	-13'0	- 6'6	-11'1	- 5'2	- 9'2	- 2'9
-16'4	-19'8	-15'9	-19'8	-15'1	-20'9	-14'8	-16'9	-18'8	-19'2	-12'4	-17'5	-11'9	-11'7	-13'0	-14'5	-15'7	-16'9	-10'2	-13'8	- 8'8	-15'6	- 8'6	-17'0	- 7'5	-18'2
+ 2'7	-15'6	+ 0'6	-14'3	+ 2'6	-14'4	+ 4'9	-12'5	+ 3'7	- 7'0	+ 3'0	- 6'9	+ 7'7	-15'9	+ 7'0	-15'6	+ 6'0	-18'7	+ 2'7	-16'6	+ 2'8	-15'0	+ 2'2	-16'7	+ 2'6	-12'7
+ 8'4	+ 9'5	+ 9'0	+ 9'1	+11'0	+10'5	+ 7'9	+ 8'6	+10'0	+ 6'3	+11'6	+ 9'1	+ 9'9	+ 8'7	+ 9'9	+ 7'3	+ 8'8	+ 9'2	+ 8'3	+ 8'9	+ 8'3	+ 6'7	+10'3	+ 4'5	+ 8'8	+ 7'4
+ 0'6	+ 5'2	+ 1'1	+ 2'3	+ 0'7	+ 3'4	+ 0'9	+ 1'6	- 0'6	- 0'7	+ 0'5	- 0'1	- 0'9	+ 1'7	- 1'0	+ 0'9	- 0'9	+ 1'0	+ 1'1	+ 1'6	+ 1'0	+ 2'1	+ 2'0	+ 4'1	+ 2'1	+ 2'2
+ 2'7	- 6'1	+ 0'7	- 3'6	+ 1'0	- 4'2	- 1'3	- 3'0	0'0	- 2'4	- 0'5	+ 2'8	+ 1'1	+ 1'3	+ 5'8	- 2'3	+ 5'6	- 1'2	+ 5'7	- 2'8	+ 5'7	- 2'7	+ 4'3	- 3'4	+ 2'6	- 3'1
- 4'9	- 4'1	- 4'2	- 2'4	- 7'5	- 4'2	+ 0'9	- 6'2	- 4'7	- 4'1	- 8'0	- 4'5	- 4'6	- 5'4	- 8'0	- 4'4	-10'0	- 8'2	- 5'9	-10'9	- 5'8	-10'3	- 6'9	-14'1	- 4'1	- 3'2
+ 0'5	-13'3	- 0'6	-11'6	- 0'7	-11'4	- 0'6	- 8'9	+ 2'8	-10'7	- 1'5	- 9'0	+ 3'2	-11'9	- 0'4	- 5'4	- 0'5	- 6'3	+ 2'4	- 6'8	+ 3'2	- 8'3	+ 2'1	- 9'1	- 0'2	-11'0
- 4'1	-12'5	- 8'2	-12'9	- 7'2	-11'4	- 7'9	-13'4	- 7'1	-12'0	-10'3	-10'7	-10'7	-10'0	-11'4	- 9'8	-12'4	- 9'5	-10'5	-12'4	- 9'6	-14'8	-14'5	-11'0	- 7'0	-10'7
- 3'5	-15'0	- 6'3	-15'0	- 6'6	-14'6	- 3'2	-12'7	- 3'7	-12'4	- 1'9	-11'0	- 0'3	-10'5	- 0'1	-10'2	- 0'3	- 8'9	- 1'3	- 7'4	- 1'0	- 6'9	- 3'5	- 5'6	+ 0'2	-12'3
-10'6	-13'5	- 4'3	-13'7	- 7'9	-12'8	- 8'8	-16'3	- 8'7	-17'1	-12'1	-19'3	-15'1	-21'8	-14'5	-22'9	-14'1	-20'9	-18'5	-19'1	-15'6	-16'9	-12'1	-21'4	-10'9	-16'3
+12'5	- 9'2	+12'7	- 9'6	+11'8	- 8'0	+10'2	- 8'2	+13'4	- 7'2	+13'5	- 7'8	+16'1	- 6'9	+14'2	- 7'4	+16'6	- 5'1	+17'5	- 5'2	+14'3	- 5'8	+16'1	- 4'7	+12'6	- 8'6
+ 6'3	+ 1'5	+ 5'5	+ 2'7	+ 5'1	+ 2'6	+ 5'3	+ 2'4	+ 1'3	+ 2'1	+ 4'7	+ 2'9	+ 4'9	+ 3'9	+ 2'7	+ 5'4	+ 2'3	+ 5'3	0'0	+ 2'2	- 0'4	+ 2'0	+ 0'1	+ 2'6	+ 3'2	+ 1'3
- 0'1	+ 5'5	+ 0'6	+ 5'4	- 0'1	+ 7'0	+ 0'6	+ 8'5	+ 2'0	+10'3	+ 2'0	+11'3	+ 2'1	+ 9'2	+ 1'1	+ 6'9	+ 2'3	+ 2'7	+ 2'8	+12'3	+ 2'2	+ 7'4	+ 1'8	+ 8'3	+ 1'7	+ 6'0

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL
VALENCIA OBSERVATORY - - LAT. 51° 55' N. LONG. 10° 18' W.

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.
1887. Jan. 1-5	1	in. '030	2	in. '050	2	in. '045	3	in. '080	2	in. '090	4	in. '170	3	in. '220	4	in. '200	4	in. '285	4	in. '220	1	in. '010	—	in. —
" 6-10	2	'030	2	'030	1	'015	4	'088	2	'072	2	'035	3	'050	2	'035	1	'005	2	'010	1	'030	1	'010
" 11-15	1	'040	—	—	—	—	1	'025	3	'042	3	'023	1	'015	1	'015	2	'010	—	—	—	—	1	'020
" 16-20	—	—	—	—	—	—	1	'015	1	'035	2	'120	2	'120	3	'245	2	'125	2	'070	1	'028	1	'042
" 21-25	—	—	—	—	1	'110	1	'045	2	'060	2	'035	1	'005	1	'005	1	'005	—	—	—	—	1	'005
" 26-30	1	'085	1	'045	1	'030	2	'052	2	'055	3	'035	3	'038	2	'135	2	'075	2	'050	1	'020	1	'050
Feb. 31-4	1	'005	3	'060	1	'020	1	'005	1	'020	1	'065	1	'010	1	'015	1	'020	3	'070	4	'135	4	'135
" 5-9	—	—	1	'080	1	'040	1	'010	2	'025	1	'025	1	'035	2	'007	2	'005	1	'148	1	'070	1	'030
" 10-14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 15-19	2	'015	2	'030	2	'050	2	'075	2	'015	1	'005	1	'005	2	'035	2	'045	1	'002	1	'010	1	'010
" 20-24	4	'060	3	'050	2	'020	2	'025	4	'060	2	'035	2	'015	2	'075	2	'140	3	'105	2	'090	1	'065
" 25-31	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—
Mar. 2-6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 7-11	—	—	—	—	—	—	—	—	1	'005	1	'025	1	'010	1	'030	1	'005	1	'035	1	'005	1	'065
" 12-16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'032	—	—
" 17-21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'015	—	—
" 22-26	4	'065	4	'085	5	'025	2	'015	1	'005	1	'005	4	'075	4	'045	2	'040	3	'045	2	'030	1	'030
" 27-31	1	'005	—	—	—	—	1	'010	—	—	—	—	—	—	1	'010	—	—	1	'005	—	—	—	—
April 1-5	1	'020	2	'015	2	'025	—	—	—	—	1	'010	—	—	1	'115	2	'035	2	'040	—	—	—	—
" 6-10	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 11-15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 16-20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 21-25	1	'040	2	'060	—	—	—	—	2	'050	4	'135	4	'105	3	'055	2	'020	1	'005	1	'015	—	—
" 26-30	1	'030	1	'005	—	—	—	—	2	'010	1	'010	1	'030	—	—	2	'010	—	—	—	—	—	—
May 1-5	—	—	—	—	1	'005	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 6-10	—	—	1	'030	1	'005	—	—	—	—	1	'005	1	'005	1	'015	1	'005	—	—	—	—	—	—
" 11-15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 16-20	1	'010	1	'015	—	—	1	'075	1	'020	1	'010	1	'005	—	—	1	'045	—	—	1	'005	1	'050
" 21-25	2	'015	1	'015	1	'030	—	—	—	—	—	—	2	'035	3	'015	1	'005	1	'005	—	—	—	—
" 26-30	1	'060	—	—	1	'045	1	'020	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June 31-4	—	—	—	—	—	—	—	—	1	'110	2	'060	2	'115	1	'075	2	'070	2	'040	—	—	2	'050
" 5-9	—	—	2	'040	3	'090	3	'050	3	'065	2	'100	2	'135	1	'135	1	'040	1	'030	—	—	1	'010
" 10-14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 15-19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 20-24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 25-29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—In estimating the number of DAYS on which Rain fell, those on
* This total was measured, but owing to failure of the

AMOUNTS of RAINFALL registered therein, for FIVE-DAY PERIODS.

Rain-gauge, 2 feet above Ground ; 11 feet above Mean Sea Level.

P.M.																								Midt.		Totals for the Five Days.	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Day (see Note).	Amount.		
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.				
2	in. '035	2	in. '030	3	in. '030	1	in. '010	2	in. '055	1	in. '050	2	in. '140	3	in. '105	2	in. '030	—	in. —	2	in. '035	2	in. '035	5	ina. 1'955		
1	'040	1	'050	—	—	1	'030	2	'030	2	'030	2	'035	3	'105	3	'235	2	'070	2	'075	2	'050	5	1'160		
1	'045	1	'035	1	'045	1	'045	1	'020	—	—	—	—	—	—	1	'020	1	'005	—	—	1	'010	4	'415		
2	'140	2	'045	2	'035	1	'005	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	4	1'290		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	1	'040	1	'040	1	'035	2	'395		
1	'025	1	'010	1	'010	3	'065	3	'050	3	'052	1	'033	1	'045	1	'035	2	'050	1	'005	—	—	3	1'030		
2	'075	2	'045	1	'040	1	'015	1	'005	1	'315	1	'095	1	'100	2	'080	1	'175	1	'035	1	'005	5	1'545		
1	'020	1	'070	—	—	1	'010	1	'005	1	'005	1	'010	—	—	—	—	—	—	—	—	—	—	3	'595		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
—	—	—	—	—	—	—	—	1	'020	1	'055	1	'010	—	—	1	'015	1	'015	2	'030	2	'025	3	'465		
1	'075	2	'020	1	'035	2	'030	2	'010	—	—	1	'005	1	'080	3	'115	3	'055	1	'015	2	'045	5	1'225		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	'005		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'010*		
1	'175	1	'020	—	—	1	'095	1	'050	1	'030	1	'030	1	'015	—	—	—	—	—	—	—	—	1	'595		
—	—	1	'015	1	'060	1	'010	1	'035	1	'005	1	'005	1	'010	—	—	—	—	—	—	—	—	1	'172		
1	'005	1	'050	1	'090	1	'015	1	'025	1	'025	—	—	1	'040	1	'040	1	'075	—	—	1	'045	1	'425		
1	'010	2	'015	2	'010	1	'035	1	'005	2	'060	2	'110	2	'075	2	'040	1	'035	2	'050	2	'100	5	1'010		
—	—	—	—	—	—	—	—	1	'005	1	'005	1	'005	1	'005	—	—	—	—	—	—	—	—	2	'050		
—	—	—	—	—	—	1	'005	1	'020	1	'005	—	—	1	'040	1	'010	1	'035	1	'015	—	—	2	'390		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	'005		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
1	'005	1	'025	—	—	—	—	1	'015	1	'020	2	'175	3	'120	3	'230	4	'095	2	'015	1	'020	5	1'205		
—	—	1	'010	1	'075	—	—	—	—	—	—	—	—	1	'050	—	—	—	—	1	'020	—	—	3	'250		
1	'005	1	'005	1	'005	1	'050	1	'025	1	'005	2	'070	2	'075	2	'070	1	'070	1	'125	1	'015	2	'530		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'065		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
2	'080	2	'045	2	'090	3	'055	3	'015	2	'010	2	'045	2	'025	2	'015	1	'010	1	'035	1	'020	4	'660		
1	'015	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	1	'015	3	'160		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	1	'040	1	'035	2	'210		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	'520		
1	'040	1	'080	1	'035	1	'005	1	'005	1	'005	1	'005	1	'005	—	—	—	—	—	—	—	—	3	'855		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	1	'010	—		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

which a fall of less than 0'01 in. was measured have been disregarded.
trace it could not be allocated to the hours at which it fell.

TABLE V.—NUMBER OF RAINY HOURS and DAYS, and the TOTAL

Five-day Periods.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1887. July 30-4	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	1	in.	1	in.		
" 5-9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	2	'135	2	'035	—	—	2	'080		
" 10-14	—	—	1	'020	1	'010	—	—	—	—	1	'005	1	'005	1	'080	—	—	1	'015	1	'040	2	'155		
" 15-19	—	—	—	—	—	—	1	'055	—	—	—	—	—	—	—	—	—	—	—	1	'020	—	—			
" 20-24	1	'010	—	—	2	'015	1	'030	1	'020	—	—	2	'025	1	'100	1	'010	—	—	—	—	—			
" 25-29	3	'025	1	'035	3	'005	1	'065	1	'020	3	'085	2	'025	3	'055	3	'025	1	'030	2	'215	2	'180		
Aug. 30-3	1	'040	1	'010	1	'010	1	'005	1	'020	2	'020	1	'020	1	'015	1	'005	1	'005	—	—	—	—		
" 4-8	—	—	—	—	1	'015	1	'040	1	'050	1	'040	1	'015	1	'005	1	'010	1	'005	1	'005	—	—		
" 9-13	—	—	2	'010	1	'005	1	'005	—	—	—	—	1	'015	1	'040	1	'005	—	—	—	—	—			
" 14-18	1	'035	2	'110	1	'020	1	'005	—	—	1	'005	1	'010	1	'025	—	—	1	'045	2	'015	—	—		
" 19-23	1	'005	1	'010	1	'010	1	'010	3	'030	1	'010	—	—	—	—	1	'005	—	—	—	—	—			
" 24-28	—	—	2	'230	1	'215	2	'210	1	'380	2	'320	2	'165	3	'135	3	'025	1	'020	—	—	1	'015		
Sept. 29-2	3	'140	3	'020	2	'015	1	'030	1	'005	3	'150	1	'160	2	'040	1	'075	4	'060	1	'115	2	'365		
" 3-7	1	'035	3	'100	2	'075	1	'060	3	'150	2	'070	1	'025	3	'025	—	—	1	'030	—	—	1	'045		
" 8-12	1	'015	1	'010	1	'005	—	—	2	'010	2	'030	4	'035	3	'050	1	'015	1	'010	—	—	1	'015		
" 13-17	1	'040	—	—	—	—	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 18-22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 23-27	—	—	—	—	1	'005	1	'010	2	'020	2	'035	2	'055	2	'090	2	'030	—	—	—	—	1	'045		
Oct. 28-2	2	'020	1	'020	2	'030	—	—	1	'010	1	'010	1	'010	1	'020	1	'005	—	—	—	—	1	'050		
" 3-7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 8-12	1	'005	2	'010	1	'005	1	'010	1	'010	3	'025	1	'035	2	'085	3	'075	2	'060	2	'040	—	—		
" 13-17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—			
" 18-22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 23-27	1	'020	1	'110	1	'125	1	'050	1	'020	1	'030	1	'115	1	'010	1	'020	2	'020	—	—	1	'065		
Nov. 28-1	3	'345	3	'110	3	'105	4	'205	3	'040	—	—	3	'040	1	'030	4	'065	1	'030	1	'005	1	'025		
" 2-6	1	'050	2	'015	2	'090	2	'085	2	'065	2	'025	2	'010	2	'065	3	'090	3	'150	2	'080	3	'175		
" 7-11	2	'030	1	'005	—	—	1	'015	2	'010	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 12-16	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	1	'020		
" 17-21	1	'005	3	'080	4	'075	3	'025	2	'045	2	'055	2	'065	2	'050	2	'010	2	'065	—	—	—	—		
" 22-26	—	—	—	—	—	—	1	'015	2	'025	2	'050	1	'005	1	'005	1	'005	—	—	1	'015	1	'010		
Dec. 27-1	2	'010	—	—	2	'045	2	'075	1	'015	2	'015	1	'015	3	'070	3	'020	2	'050	3	'130	1	'050		
" 2-6	1	'165	2	'025	2	'275	2	'075	2	'010	3	'100	4	'085	2	'035	4	'062	3	'040	—	—	1	'030		
" 7-11	2	'135	1	'165	2	'140	2	'040	3	'020	3	'030	1	'015	1	'005	1	'005	3	'025	2	'065	3	'045		
" 12-16	1	'145	1	'135	1	'045	2	'010	2	'020	1	'015	3	'090	3	'055	1	'030	2	'075	—	—	—	—		
" 17-21	1	'015	2	'030	2	'015	3	'045	4	'100	2	'010	3	'040	—	—	4	'115	4	'075	2	'055	1	'005		
" 22-26	—	—	1	'010	1	'005	1	'005	—	—	1	'005	—	—	—	—	2	'010	—	—	—	—	—	—		
" 27-31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

NOTE.—In estimating the number of DAYS on which Rain fell, those on
 * This total exceeds the sum of the hourly totals by an amount of rain which was measured, but which,

AMOUNTS of RAINFALL registered therein, for FIVE-DAY PERIODS—*continued.*

P.M.																								Totals for the Five Days.	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Days (see Note).	Amount.
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
2	in. '015	1	in. '005	—	in. —	—	in. —	—	in. —	—	in. —	—	in. —	—	in. —	—	in. —	—	in. —	—	in. —	—	in. —	2	ins. '070
2	'210	1	'050	2	'135	1	'085	1	'010	—	—	—	—	—	—	1	'020	1	'005	—	—	—	4	'760	
2	'040	3	'075	—	—	1	'065	—	—	—	—	1	'030	2	'035	2	'015	—	—	—	—	—	5	'590	
—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	—	—	—	—	—	—	—	—	—	2	'085	
—	—	—	—	—	—	1	'075	1	'050	—	—	1	'015	1	'010	—	—	—	—	—	—	—	3	'360	
2	'085	1	'060	—	—	—	—	—	—	—	—	1	'020	—	—	—	—	2	'030	2	'010	4	1'060		
—	—	—	—	—	—	—	—	—	—	1	'015	—	—	1	'005	—	—	—	—	—	—	—	3	'170	
—	—	—	—	—	—	—	—	—	—	1	'020	1	'005	1	'015	1	'005	—	—	—	—	—	1	'230	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	—	—	1	'005	3	'095		
1	'070	—	—	—	—	—	—	1	'005	—	—	1	'005	1	'010	1	'005	—	—	2	'025	1	'065	3	'395
—	—	—	—	—	—	1	'065	1	'005	2	'050	2	'050	1	'030	1	'020	—	—	—	—	—	4	'300	
1	'010	—	—	1	'300	1	'030	1	'035	2	'145	1	'205	—	—	3	'065	3	'025	1	'130	2	'035	5	2'695
1	'140	2	'050	1	'010	1	'015	1	'005	4	'135	3	'155	1	'025	4	'070	2	'040	2	'055	1	'135	5	2'030
2	'085	2	'010	—	—	1	'025	2	'050	1	'005	2	'045	1	'020	1	'135	2	'045	1	'015	1	'015	5	1'065
—	—	—	—	—	—	—	—	1	'010	1	'040	2	'055	1	'035	1	'030	2	'075	1	'025	1	'030	4	'435
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'050	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'020	
—	—	—	—	1	'005	—	—	1	'025	—	—	1	'010	1	'030	1	'050	1	'010	1	'025	—	—	3	'455
1	'075	1	'110	1	'005	1	'020	2	'035	2	'120	2	'085	—	—	1	'015	—	—	—	—	—	—	2	'640
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1	'025	1	'005	—	—	—	—	1	'015	—	—	1	'030	1	'005	1	'020	2	'020	2	'025	—	—	3	'505
—	—	—	—	1	'015	1	'005	1	'005	—	—	1	'025	—	—	—	—	—	—	—	—	—	—	1	'055
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1	'050	1	'110	1	'195	1	'200	1	'200	1	'200	1	'250	1	'280	1	'140	2	'115	1	'135	1	'040	2	2'500
1	'065	2	'110	3	'130	—	—	2	'010	3	'040	4	'060	3	'190	2	'100	4	'095	3	'055	3	'275	5	2'130
2	'135	2	'015	1	'020	1	'050	3	'155	3	'225	1	'105	1	'005	2	'020	3	'045	1	'035	2	'025	5	1'735
—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	—	—	1	'005	—	—	2	'080
—	—	—	—	—	—	—	—	1	'010	1	'065	1	'050	1	'015	—	—	—	—	—	—	—	—	1	'165
—	—	—	—	2	'020	1	'075	4	'200	3	'085	1	'090	2	'335	3	'160	1	'050	3	'085	1	'010	4	1'525
1	'020	1	'035	1	'015	2	'050	2	'045	2	'035	1	'015	—	—	1	'005	1	'030	—	—	1	'005	3	'380
—	—	—	—	—	—	2	'040	1	'005	2	'020	1	'030	1	'070	—	—	3	'045	4	'090	2	'020	5	'815
—	—	2	'030	—	—	1	'005	—	—	—	—	1	'005	1	'025	1	'030	2	'020	3	'035	2	'090	5	1'140
1	'005	1	'060	2	'045	2	'210	2	'025	1	'005	1	'005	2	'030	2	'045	2	'105	1	'005	1	'205	5	1'525
2	'025	2	'090	3	'045	3	'070	3	'180	3	'095	4	'135	3	'070	1	'025	2	'010	3	'050	4	'080	5	1'495
2	'035	1	'025	2	'030	2	'025	2	'040	3	'030	1	'010	1	'005	2	'050	3	'060	2	'055	1	'075	4	'885
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'015	1	'020	1	'005	3	'075
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

which a fall of less than 0.01 in. was measured have been disregarded.
owing to the failure of the trace, could not be allocated to the hours at which it fell.

VALENCIA OBSERVATORY

TABLE VI.—HOURLY and DAILY MEANS of
Barometer Cistern, 23 feet

1887.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	ina. 29°883	ina. 29°873	ina. 29°868	ina. 29°865	ina. 29°857	ina. 29°849	ina. 29°845	ina. 29°847	ina. 29°854	ina. 29°859	ina. 29°870	ina. 29°873	ina. 29°871
Feb. -	30°176	30°172	30°171	30°169	30°163	30°162	30°163	30°165	30°176	30°186	30°194	30°197	30°198
March	30°080	30°080	30°080	30°075	30°073	30°072	30°076	30°081	30°090	30°094	30°100	30°096	30°095
April -	30°041	30°038	30°033	30°027	30°022	30°020	30°024	30°028	30°034	30°038	30°045	30°043	30°044
May -	30°102	30°096	30°092	30°091	30°089	30°090	30°095	30°100	30°105	30°106	30°110	30°107	30°106
June -	30°160	30°155	30°150	30°141	30°138	30°140	30°144	30°150	30°156	30°159	30°162	30°164	30°167
July -	30°016	30°008	30°000	29°993	29°987	29°985	29°987	29°990	29°994	29°996	29°998	30°002	30°003
August	29°967	29°962	29°958	29°954	29°951	29°949	29°952	29°957	29°961	29°964	29°964	29°964	29°962
Sept. -	29°959	29°955	29°948	29°941	29°936	29°935	29°939	29°947	29°953	29°957	29°958	29°958	29°954
Oct. -	30°168	30°165	30°161	30°156	30°152	30°153	30°153	30°157	30°167	30°170	30°172	30°173	30°168
Nov. -	29°662	29°659	29°655	29°656	29°653	29°656	29°658	29°661	29°669	29°676	29°678	29°679	29°671
Dec. -	29°882	29°873	29°866	29°866	29°862	29°861	29°864	29°869	29°873	29°882	29°890	29°895	29°886
Year -	30°008	30°003	29°999	29°995	29°990	29°989	29°992	29°996	30°003	30°007	30°012	30°013	30°010

TABLE VII.—HOURLY and DAILY MEANS of
Thermometer, 12

1887.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	45°1	45°1	45°0	45°2	45°1	45°0	45°1	44°9	44°8	45°0	45°5	46°1	46°6
Feb. -	44°5	44°1	44°1	44°2	44°0	44°0	44°2	44°2	44°2	44°5	45°2	46°3	46°9
March	41°8	41°5	41°0	40°6	40°3	40°3	40°5	40°6	41°1	42°7	43°8	45°4	46°5
April -	43°4	42°9	42°8	42°7	42°2	42°2	41°8	43°0	44°2	45°9	47°0	48°4	49°2
May -	49°4	49°3	48°9	48°6	48°4	48°3	48°8	50°0	51°5	52°4	53°2	54°3	55°0
June -	57°2	56°7	56°0	55°8	55°4	55°5	56°4	58°3	60°2	62°2	63°8	65°4	65°9
July -	59°2	59°0	58°9	58°7	58°6	58°5	59°0	60°4	61°4	62°5	62°9	63°5	63°9
August	57°9	57°7	57°4	57°3	57°0	57°0	56°9	57°9	59°1	60°5	61°3	62°4	63°0
Sept. -	53°5	53°5	53°1	53°3	53°5	52°9	52°6	53°1	54°2	55°7	56°6	58°2	58°6
Oct. -	48°1	47°9	47°9	47°7	47°4	47°7	47°7	47°6	47°9	49°1	50°4	51°5	52°2
Nov. -	45°7	45°5	45°1	45°3	45°1	45°3	45°4	45°9	45°8	44°1	44°8	46°0	46°8
Dec. -	42°9	42°9	43°2	43°0	42°8	42°8	42°5	42°2	42°2	42°2	42°4	43°4	44°0
Year -	48°9	48°7	48°5	48°4	48°1	48°1	48°2	48°8	49°6	50°6	51°4	52°6	53°2

TABLE VIII.—HOURLY and DAILY MEAN DIFFERENCE between the DRY

1887.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	2°5	2°4	2°4	2°4	2°4	2°1	2°1	2°0	2°0	2°1	2°2	2°3	2°4
Feb. -	2°1	1°9	2°0	2°1	2°0	2°0	2°1	1°9	1°9	1°9	2°2	2°6	2°9
March	2°1	2°2	2°1	2°1	2°1	2°1	2°2	2°1	2°1	2°7	3°1	3°6	4°1
April -	2°4	2°4	2°4	2°4	2°3	2°3	2°1	2°5	2°9	3°7	4°2	4°6	5°0
May -	1°7	1°6	1°6	1°7	1°7	1°6	1°7	2°0	2°8	3°1	3°6	4°2	4°5
June -	2°4	2°2	2°0	2°1	2°2	2°1	2°3	2°5	3°5	4°2	5°2	6°1	6°0
July -	2°3	2°2	2°2	2°2	2°1	1°9	2°0	2°2	2°7	3°4	3°7	4°0	4°2
August	2°3	2°3	2°1	2°1	2°1	2°1	2°1	2°2	2°7	3°2	3°8	4°2	4°6
Sept. -	2°4	2°3	2°1	2°2	2°3	2°3	2°1	2°3	2°7	3°2	3°7	4°4	4°5
Oct. -	2°3	2°3	2°4	2°4	2°4	2°5	2°5	2°4	2°5	2°6	3°0	3°6	3°9
Nov. -	2°0	1°9	1°7	1°8	1°6	1°8	1°9	2°0	2°0	1°9	1°8	2°1	2°6
Dec. -	1°7	1°9	2°0	1°9	1°9	1°9	1°8	1°7	1°8	1°9	1°7	2°0	2°3
Year -	2°2	2°1	2°1	2°1	2°1	2°1	2°1	2°2	2°5	2°8	3°2	3°6	3°9

LAT. 51° 55' N. LONG. 10° 18' W.

PRESSURE for each CALENDAR MONTH and for the YEAR.
above Mean Sea Level.

P.M.											Midt.	Daily Means (Month).	1887.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
ins. 29°860	ins. 29°857	ins. 29°855	ins. 29°859	ins. 29°863	ins. 29°869	ins. 29°869	ins. 29°870	ins. 29°871	ins. 29°871	ins. 29°867	ins. 29°864	ins. 29°864	Jan.
30°189	30°185	30°179	30°182	30°181	30°189	30°197	30°202	30°204	30°208	30°202	30°202	30°184	Feb.
30°084	30°076	30°064	30°059	30°055	30°058	30°062	30°065	30°066	30°069	30°068	30°071	30°076	March.
30°039	30°039	30°032	30°028	30°025	30°027	30°027	30°034	30°041	30°044	30°041	30°042	30°034	April.
30°101	30°101	30°094	30°090	30°085	30°084	30°086	30°089	30°094	30°097	30°095	30°093	30°096	May.
30°165	30°164	30°161	30°160	30°158	30°158	30°158	30°163	30°169	30°178	30°176	30°175	30°159	June.
30°004	30°005	30°004	30°001	30°001	30°003	30°005	30°008	30°014	30°017	30°016	30°012	30°002	July.
29°961	29°959	29°953	29°948	29°943	29°943	29°944	29°950	29°955	29°952	29°950	29°946	29°955	August.
29°952	29°947	29°943	29°940	29°942	29°948	29°955	29°967	29°975	29°977	29°979	29°978	29°954	Sept.
30°160	30°151	30°144	30°138	30°137	30°139	30°141	30°140	30°139	30°135	30°131	30°127	30°152	Oct.
29°668	29°659	29°653	29°656	29°663	29°670	29°681	29°689	29°695	29°699	29°700	29°705	29°671	Nov.
29°875	29°866	29°862	29°863	29°866	29°869	29°871	29°873	29°874	29°871	29°870	29°865	29°872	Dec.
30°005	30°001	29°995	29°994	29°993	29°996	30°000	30°004	30°008	30°010	30°008	30°007	30°002	Year.

TEMPERATURE for each CALENDAR MONTH and for the YEAR.
feet above Ground.

P.M.											Midt.	Daily Means (Month).	1887.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
47°0	46°8	46°9	46°3	45°7	45°0	44°8	45°3	45°1	45°2	45°1	44°9	45°5	Jan.
47°7	47°7	47°9	47°5	46°9	46°1	45°7	45°3	45°1	44°9	44°8	44°7	45°4	Feb.
47°5	47°7	47°5	47°3	46°9	46°0	44°5	43°6	43°2	42°8	42°3	41°7	43°5	March.
50°3	50°1	50°5	50°3	49°8	48°8	47°3	45°6	44°7	44°1	43°6	43°3	45°8	April.
55°6	55°6	55°9	55°5	55°5	54°8	53°7	52°1	51°2	50°8	50°2	49°8	52°0	May.
66°9	67°3	67°4	67°2	66°8	65°9	65°3	63°3	60°6	58°8	58°1	57°4	61°3	June.
64°5	64°8	65°4	65°1	64°9	64°3	63°5	62°2	60°3	59°7	59°3	59°1	61°6	July.
63°6	63°8	64°0	63°7	63°2	62°2	60°9	59°5	58°6	58°3	58°3	58°0	60°0	August.
59°1	59°6	59°5	59°0	58°2	57°0	55°5	54°5	53°8	53°7	53°5	53°3	55°4	Sept.
52°7	52°7	52°4	52°0	51°2	50°2	49°8	49°3	48°9	48°5	48°3	48°1	49°5	Oct.
47°4	47°7	47°8	47°0	45°9	45°5	45°4	44°9	44°6	44°5	44°1	43°7	44°9	Nov.
44°5	44°2	44°2	43°9	43°5	43°5	43°5	43°2	43°4	43°2	42°8	42°6	43°2	Dec.
53°9	54°0	54°1	53°7	53°2	52°4	51°7	50°7	50°0	49°5	49°2	48°9	50°7	Year.

and WET-BULB THERMOMETERS, for each CALENDAR MONTH and for the YEAR.

P.M.											Midt.	Daily Means (Month).	1887.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
2°6	2°5	2°7	2°5	2°5	2°3	2°1	2°4	2°3	2°5	2°5	2°4	2°4	Jan.
3°1	2°9	3°2	3°0	2°8	2°6	2°4	2°4	2°5	2°1	2°1	2°1	2°4	Feb.
4°5	4°4	4°3	4°1	3°8	3°4	2°9	2°5	2°4	2°2	2°3	2°1	2°9	March.
5°4	5°2	5°4	5°1	4°9	4°5	3°7	3°2	2°7	2°4	2°5	2°4	3°5	April.
4°6	4°5	4°6	4°4	4°2	4°0	3°4	2°8	2°4	2°1	1°9	1°8	3°0	May.
6°3	6°4	6°4	6°6	6°5	6°2	5°9	4°7	3°5	2°7	2°8	2°4	4°1	June.
4°4	4°5	4°9	4°7	4°6	4°5	4°1	3°6	2°8	2°7	2°5	2°4	3°3	July.
4°7	5°0	4°9	4°9	4°6	4°2	3°4	3°0	2°6	2°6	2°5	2°4	3°3	August.
4°5	4°8	4°8	4°5	4°0	3°4	2°8	2°6	2°3	2°5	2°2	2°3	3°1	Sept.
4°0	4°0	3°9	3°7	3°3	2°9	2°6	2°5	2°3	2°2	2°1	2°3	2°8	Oct.
2°6	2°8	2°8	2°6	2°0	1°9	2°1	2°0	1°9	1°9	1°9	2°0	2°1	Nov.
2°3	2°1	2°0	1°9	1°9	2°0	1°8	1°8	2°0	1°8	1°7	1°8	2°0	Dec.
4°1	4°1	4°2	4°0	3°8	3°5	3°1	2°8	2°5	2°3	2°2	2°2	2°9	Year.

VALENCIA OBSERVATORY

TABLE IX.—MEAN HOURLY and DAILY WIND

1887.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
January	-11'0	-3'9	-12'1	-5'3	-12'5	-4'6	-12'6	-4'3	-12'7	-3'8	-14'0	-3'2	-11'7	-5'0	-11'6	-4'8	-12'0	-4'0	-10'4	-4'3	-11'4	-5'2	-10'7	-4'6
February	-14'6	+1'1	-14'3	+1'5	-13'5	+2'2	-12'9	+0'5	-13'9	+0'4	-14'3	+0'9	-14'4	+0'2	-13'7	+0'2	-13'5	+1'5	-12'2	+2'0	-13'3	+2'6	-12'7	+3'5
March	+1'6	-0'1	+2'2	-0'4	+1'8	-0'2	+1'1	-0'9	+0'9	-0'9	+0'9	-0'2	+0'8	-0'4	+1'2	+0'6	-0'3	+0'8	-1'3	+1'7	-1'0	+0'7	-1'0	-0'7
April	+1'9	-0'9	+1'6	+0'2	+2'1	-0'3	+2'2	+0'2	+2'0	-1'3	+3'4	-0'1	+3'6	-0'9	+3'5	0'0	+3'8	+2'2	+2'6	+0'6	+3'1	+1'2	+2'9	-0'2
May	+2'4	-3'4	+2'9	-3'0	+3'2	-3'1	+2'9	-1'9	+3'7	-3'0	+3'5	-1'6	+3'4	-2'0	+4'3	-1'6	+3'8	-1'6	+3'9	-2'3	+3'2	-2'8	+3'6	-3'5
June	-3'2	+0'5	-3'6	+1'1	-4'5	+1'2	-3'6	+0'9	-3'5	+1'1	-4'5	+1'5	-4'6	+0'4	-4'3	+1'3	-4'0	+1'7	-4'5	+1'3	-5'0	+0'7	-5'8	-2'4
July	-7'2	-3'4	-7'5	-4'4	-6'0	-4'1	-6'2	-3'2	-7'1	-4'0	-7'2	-4'1	-7'6	-4'1	-6'9	-5'6	-7'3	-7'7	-6'6	-7'4	-5'3	-9'1	-6'1	-9'7
August	-5'8	+0'2	-5'0	+0'7	-4'3	+1'2	-4'9	+1'6	-6'2	+2'0	-5'9	+1'2	-6'3	+1'3	-6'0	+1'4	-6'8	+1'2	-7'0	+0'7	-7'1	-0'6	-8'9	-1'6
September	+1'0	-3'9	+0'7	-4'3	+0'9	-4'1	+1'7	-4'9	+2'2	-5'8	+2'8	-4'4	+2'2	-5'1	+3'4	-3'2	+2'7	-3'0	+3'9	-3'0	+3'1	-3'5	+2'3	-3'0
October	+0'7	-1'7	+0'4	-0'7	+0'5	-1'1	+0'1	-1'0	0'0	-2'0	+0'9	-2'0	+1'0	-2'3	+0'6	-1'6	+1'4	-0'8	+0'4	-0'4	+0'1	+1'1	+0'3	+0'7
November	0'0	-6'3	+0'6	-4'2	+2'8	-3'1	+3'3	-3'2	+3'4	-3'5	+2'3	-3'4	+1'9	-3'7	+2'3	-3'7	+1'3	-2'8	+1'3	-1'0	+0'6	-2'0	+1'1	-2'7
December	-3'3	-6'3	-2'8	-7'9	+0'5	-8'4	+2'0	-8'8	+1'1	-9'5	+2'5	-8'9	+3'8	-8'0	+1'7	-7'4	+2'2	-7'5	+1'9	-5'9	+0'9	-6'0	+0'4	-6'8
Year	-3'1	-2'3	-3'1	-2'2	-2'4	-2'0	-2'2	-2'1	-2'5	-2'6	-2'5	-2'0	-2'3	-2'5	-2'1	-2'0	-2'4	-1'7	-2'3	-1'5	-2'7	-1'9	-2'9	-2'6

TABLE X.—NUMBER of HOURS in which RAIN fell, and the
Rain-gauge 2 feet above Ground;

1887.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.
January	5	in. '185	6	in. '135	5	in. '200	12	in. '305	12	in. '354	16	in. '418	13	in. '648	13	in. '635	12	in. '565	11	in. '370	5	in. '143	6	in. '112
February	7	'080	8	'210	6	'130	6	'115	9	'120	6	'135	5	'065	7	'132	7	'208	7	'305	7	'250	6	'235
March	5	'070	4	'085	5	'025	3	'025	2	'010	2	'030	5	'085	6	'085	3	'045	5	'085	5	'082	2	'095
April	2	'090	5	'080	2	'025	—	—	5	'065	6	'155	5	'135	4	'170	6	'065	3	'045	1	'015	—	—
May	4	'085	3	'060	4	'085	3	'100	2	'025	2	'015	4	'045	4	'030	3	'055	1	'005	1	'005	1	'030
June	—	—	2	'040	3	'090	3	'030	4	'175	4	'160	4	'250	2	'210	3	'110	3	'070	—	—	3	'060
July	5	'075	2	'055	6	'120	3	'150	2	'040	5	'100	5	'055	6	'240	6	'160	5	'085	5	'295	7	'445
August	4	'155	10	'385	7	'280	7	'275	7	'485	8	'450	7	'385	8	'250	9	'125	5	'080	3	'020	2	'020
September	6	'135	6	'155	7	'125	4	'110	8	'190	8	'230	8	'185	10	'195	4	'050	4	'090	1	'115	5	'515
October	4	'120	5	'130	4	'155	5	'255	4	'050	4	'055	4	'160	4	'125	7	'130	6	'115	3	'045	2	'090
November	6	'340	7	'200	9	'290	10	'225	10	'180	8	'145	7	'125	8	'190	10	'155	7	'265	6	'220	6	'255
December	6	'465	7	'365	8	'480	10	'175	11	'150	11	'165	11	'228	6	'095	12	'222	12	'215	4	'120	5	'080
Year	55	1'800	65	1'900	66	2'005	66	1'765	76	1'844	80	2'058	78	2'306	78	2'357	81	1'890	69	1'750	41	1'510	45	1'947

NOTE.—In estimating the number of rainy days, those on
* This total exceeds the sum of the hourly totals by an amount of rain which was measured

LAT. 51° 55' N. LONG. 10° 18' W.

COMPONENTS for each CALENDAR MONTH and for the YEAR.

P.M.																						Midt.		Daily Means (Month).		1887.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
-10'5	-4'9	-11'4	-6'6	-10'1	-7'1	-8'1	-3'9	-8'7	-4'9	-6'8	-3'7	-8'8	-2'1	-8'2	-2'8	-8'7	-4'0	-9'0	-5'1	-9'8	-5'1	-10'7	-4'8	-10'6	-4'5	January.
-14'4	+3'0	-14'9	+1'6	-16'5	+1'3	-14'6	+0'7	-14'9	+1'3	-13'9	+0'9	-14'8	+0'1	-13'8	+0'3	-15'1	+0'6	-15'5	+1'1	-16'4	+1'9	-17'7	+2'1	-14'4	+1'2	February.
-1'7	-0'4	-1'0	-2'3	-0'5	-3'0	-1'0	-1'7	+0'7	-2'2	+0'3	-0'7	+0'6	+0'4	+0'8	+2'5	+1'3	+2'4	+1'1	+1'2	+2'6	+0'1	+3'1	-0'4	+0'5	-0'2	March.
+2'9	-0'5	+3'2	-2'3	+3'1	-2'1	+1'8	-3'7	+1'6	-4'3	+1'7	-2'2	+0'7	-3'3	+0'9	-1'4	+2'0	-0'6	+0'7	+0'1	+1'6	-0'6	+1'2	-0'7	+2'3	-0'9	April.
+3'8	-4'9	+3'7	-4'9	+2'7	-5'7	+2'3	-5'1	+2'6	-5'9	+3'5	-5'1	+3'3	-4'9	+2'9	-4'8	+3'1	-5'5	+2'3	-4'3	+2'1	-3'9	+2'2	-4'2	+3'1	-3'7	May.
-6'8	-3'5	-6'8	-4'6	-6'1	-5'4	-5'5	-5'9	-5'7	-5'0	-3'7	-4'4	-3'1	-3'0	-2'3	-1'5	-2'3	-0'5	-1'7	-0'6	-2'8	+0'3	-3'5	+0'6	-4'2	-1'0	June.
-5'5	-10'8	-5'4	-10'9	-4'7	-10'7	-4'5	-9'7	-4'5	-10'0	-3'4	-8'5	-4'0	-7'1	-3'5	-4'9	-3'6	-4'3	-4'4	-4'5	-4'6	-3'7	-6'6	-3'9	-5'7	-6'5	July.
-9'6	-3'5	-8'5	-2'9	-8'1	-4'0	-8'0	-3'5	-8'3	-3'6	-6'0	-2'2	-4'8	-3'1	-3'7	-1'2	-3'5	-0'4	-3'5	-0'9	-4'6	-0'3	-5'2	+0'7	-6'2	-0'6	August.
+1'8	-4'0	+1'1	-5'7	+1'9	-6'7	+2'0	-5'9	+3'5	-5'8	+3'3	-4'8	+3'9	-3'8	+4'2	-2'8	+4'0	-4'3	+3'4	-4'1	+2'2	-2'8	+2'9	-3'7	+2'5	-4'3	September.
+0'1	-0'9	+1'0	-1'2	+0'4	-1'0	+0'9	-0'9	+0'1	-1'0	+0'3	-0'7	+0'3	-0'1	-0'8	-0'3	-1'8	-1'1	-1'9	-0'2	-1'6	-1'6	-1'3	-2'2	+0'1	-1'0	October.
+0'9	-4'8	+0'6	-4'3	+0'6	-4'2	+1'5	-4'1	+1'4	-4'1	+0'6	-2'4	+2'3	-4'3	+2'3	-4'1	+1'4	-5'0	+2'5	-5'2	+2'5	-5'3	+2'5	-6'4	+1'7	-3'9	November.
+0'1	-7'3	+0'1	-7'3	-0'7	-6'4	-0'4	-6'7	-0'4	-5'9	-0'4	-5'7	-0'4	-6'0	-1'2	-6'3	-0'8	-5'1	-1'5	-5'0	-1'3	-5'6	-2'0	-5'4	+0'1	-6'8	December.
-3'2	-3'5	-3'2	-4'3	-3'2	-4'6	-2'8	-4'2	-2'7	-4'3	-2'0	-3'3	-2'1	-3'1	-1'9	-2'3	-2'0	-2'3	-2'3	-2'3	-2'5	-2'2	-2'9	-2'4	-2'6	-2'7	Year.

TOTAL AMOUNTS of RAINFALL MEASURED, for each HOUR, and CALENDAR MONTH, and for the YEAR.

11 feet above Mean Sea Level.

P.M.																		Midt.		Monthly Totals.		1887.				
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.					23.		24.	
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		Hours.	Amount.	Money Days.	Amount.
8	in. '310	8	in. '185	7	in. '120	8	in. '170	9	in. '160	8	in. '452	6	in. '303	8	in. '355	9	in. '405	7	in. '340	7	in. '190	6	in. '130	24	in. 7'190	January.
3	'145	4	'120	2	'075	3	000	4	'035	2	'060	3	'025	1	'080	5	'135	4	'070	3	'045	5	'075	15	2'890	February.
3	'190	5	'100	4	'160	4	'155	5	'120	6	'125	5	'150	6	'145	3	'080	2	'110	2	'050	3	'145	11	2'262	March.
1	'005	3	'035	1	'075	1	'005	2	035	2	'025	2	'175	5	'210	4	'240	5	'130	4	'050	1	'020	10	1'850	April.
4	'100	4	'055	3	'095	4	'105	4	'040	3	'015	4	'115	5	'105	5	'090	2	'080	3	'200	4	'085	13	1'625	May.
1	'040	1	'080	1	'035	1	'005	1	'005	1	'005	1	'005	1	'005	—	—	—	—	1	'005	1	'005	7	1'385	June.
8	'350	6	'190	2	'135	3	'225	2	'060	2	'020	3	'040	2	'040	2	'035	3	'035	3	'035	2	'010	22	2'995	July.
2	'020	—	—	2	'310	2	'095	4	'050	8	'320	7	'370	4	'060	8	'145	5	'045	4	'175	4	'105	20	4'605	August.
4	'300	5	'170	2	'010	3	'060	6	'120	5	'195	8	'245	4	'110	6	'250	6	'100	4	'100	3	'180	19	3'905	September.
2	'075	3	'130	4	'270	2	'205	5	'230	4	'240	6	'350	5	'475	4	'260	7	'225	6	'215	4	'315	10	4'420	October.
6	'220	5	'150	5	'125	6	'155	11	'415	11	'430	6	'305	5	'425	7	'195	9	'175	9	'215	6	'060	20	5'460	November.
5	'065	6	'205	7	'120	8	'310	7	'245	7	'130	7	'155	7	'130	6	'150	10	'210	10	'255	9	'395	23	5'130	December.
47	1'820	50	1'420	40	1'530	45	1'530	60	1'515	59	2'017	58	2'238	53	2'140	59	1'985	60	1'520	56	1'535	48	1'525	194	43'717	Year.

which a total fall of less than 0'01 in. of rain was measured have been disregarded.
but which, owing to failure of the trace, could not be allocated to the hours at which it fell.

ABERDEEN OBSERVATORY

TABLE XI.—NUMBER of OBSERVATIONS of WIND, and the MEAN VELOCITY, referred to Eight Points, for each
each HOUR and for the DAY; and the MAXIMUM VELOCITY

JANUARY 1887.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	0	—	0	—	1	11	1	10	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
E	2	19	1	25	3	7	0	—	1	25	0	—	1	18	2	17	1	16	1	16	2	12	1	18
SE	2	23	2	13	4	21	5	20	4	24	4	25	3	22	3	31	4	27	4	24	2	22	2	8
S	9	17	12	16	9	15	11	15	9	17	12	17	12	18	14	14	12	15	9	14	12	20	16	19
SW	8	15	8	18	7	18	8	18	10	13	7	11	5	12	2	11	4	9	9	12	5	13	7	11
W	3	9	2	12	3	12	3	12	1	22	1	21	4	10	5	11	3	6	4	8	3	8	2	13
NW	1	7	2	8	0	—	1	17	2	14	4	9	2	9	1	11	2	9	2	9	1	8	1	9
Calms	6	—	4	—	4	—	2	—	4	—	3	—	4	—	4	—	5	—	2	—	6	—	2	—
Mean Velocity irrespective of Direction	—	12	—	14	—	13	—	15	—	15	—	14	—	13	—	13	—	12	—	13	—	13	—	14

FEBRUARY.

N	1	11	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	11	1	12		
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—		
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—		
SE	2	13	0	—	1	18	1	16	0	—	1	6	1	12	3	17	1	12	1	18	3	22	1	21
S	8	12	14	10	11	15	9	14	12	13	12	14	9	16	10	16	12	16	13	15	10	15	13	15
SW	8	14	7	16	7	15	9	15	7	14	5	13	11	12	6	11	5	18	5	13	8	13	6	19
W	3	10	2	9	2	10	2	9	3	10	2	8	1	8	3	10	3	16	3	14	2	19	1	11
NW	3	6	3	9	2	9	4	8	2	11	4	11	5	8	4	9	2	9	4	11	3	14	4	20
Calms	3	—	2	—	5	—	3	—	4	—	4	—	1	—	2	—	5	—	2	—	1	—	2	—
Mean Velocity irrespective of Direction	—	11	—	10	—	12	—	12	—	11	—	11	—	12	—	12	—	13	—	13	—	15	—	16

MARCH.

N	1	11	0	—	0	—	0	—	0	—	1	17	1	16	1	13	1	12	2	12	1	11	2	13
NE	0	—	0	—	1	20	1	25	1	24	0	—	0	—	0	—	0	—	0	—	0	—	0	—
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	9	1	9	1	8
SE	2	11	3	13	2	11	0	—	0	—	1	21	2	13	2	15	2	17	2	19	2	21	2	19
S	4	8	4	9	4	10	6	9	5	11	3	9	3	7	4	8	7	9	3	10	4	10	4	10
SW	0	—	2	7	3	8	1	11	2	8	1	13	2	9	3	13	3	12	5	11	4	14	4	16
W	9	14	9	15	7	15	8	15	7	14	13	11	12	11	9	10	9	12	6	17	6	15	7	12
NW	4	15	5	13	7	13	6	12	7	11	7	12	6	13	7	16	7	15	8	15	9	15	8	14
Calms	11	—	8	—	7	—	9	—	9	—	5	—	5	—	5	—	2	—	4	—	4	—	5	—
Mean Velocity irrespective of Direction	—	8	—	9	—	10	—	9	—	9	—	10	—	9	—	10	—	12	—	12	—	12	—	12

APRIL.

N	2	11	3	10	3	10	2	11	1	10	2	10	3	11	7	13	4	17	5	14	7	15	6	15
NE	0	—	0	—	0	—	0	—	0	—	1	22	1	20	2	25	4	16	2	12	2	15	1	14
E	1	9	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	14	4	10
SE	1	10	1	11	1	11	2	11	1	14	3	12	2	14	2	14	4	18	3	20	7	16	8	17
S	3	11	4	9	4	8	6	10	7	11	6	11	5	12	5	14	3	14	7	13	3	15	3	18
SW	3	8	3	11	3	12	0	—	1	6	0	—	0	—	3	13	2	11	0	—	1	14	1	13
W	7	11	8	12	8	10	7	11	4	14	2	15	4	14	3	20	5	18	6	16	3	16	3	19
NW	8	—	7	12	6	15	10	13	12	14	11	15	9	13	5	15	6	17	6	20	5	17	4	20
Calms	5	—	4	—	5	—	3	—	4	—	5	—	6	—	3	—	2	—	1	—	1	—	0	—
Mean Velocity irrespective of Direction	—	10	—	10	—	9	—	10	—	11	—	11	—	11	—	14	—	15	—	15	—	15	—	16

LAT. 51° 55' N. LONG. 10° 18' W.

Hour and for the Day for each CALENDAR MONTH. Also the MEAN VELOCITY irrespective of DIRECTION for observed during the MONTH from each of the Eight Points.

JANUARY 1887.

P.M.																				Midt.		Monthly Totals and Means.		Maximum Velocity.		
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.					24.	
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.		No.	V.
3	14	4	14	3	15	7	13	6	15	5	16	3	11	6	13	5	13	5	12	4	11	5	12	85	13	26
1	13	1	13	1	13	1	12	1	7	0	—	1	6	0	—	0	—	0	—	0	—	0	—	14	11	17
1	13	1	14	0	—	1	29	0	—	0	—	2	14	1	26	0	—	0	—	0	—	0	—	15	15	29
2	18	2	22	3	21	3	21	2	23	4	29	4	35	5	31	6	32	4	31	3	22	3	25	77	25	53
12	35	9	41	8	41	7	35	7	35	6	29	7	30	6	30	6	28	7	34	9	35	9	36	204	35	54
2	22	5	23	6	24	5	30	7	30	5	27	3	30	3	31	4	27	6	27	6	24	5	26	122	27	55
3	18	4	13	4	17	1	10	2	10	2	11	2	8	3	15	4	21	2	23	1	36	3	18	51	18	37
7	20	5	24	5	20	6	18	5	22	7	16	7	19	5	21	4	18	5	25	7	22	5	23	138	20	38
0	—	0	—	1	—	0	—	1	—	2	—	2	—	2	—	2	—	2	—	1	—	1	—	38	—	—
—	25	—	25	—	25	—	23	—	24	—	20	—	21	—	22	—	22	—	24	—	24	—	25	—	24	—

FEBRUARY.

2	19	4	15	3	16	6	13	2	13	1	18	2	19	2	13	1	16	2	10	2	11	1	12	46	15	27
1	32	1	25	3	11	2	14	5	15	5	16	2	10	3	15	3	16	2	20	2	22	1	21	53	14	28
2	9	1	10	1	7	0	—	0	—	0	—	1	7	0	—	0	—	1	17	1	22	3	7	21	13	29
7	31	7	31	6	34	6	33	6	36	6	30	7	28	7	27	7	23	6	24	5	27	7	26	165	29	55
7	39	6	40	8	32	6	32	7	26	7	28	7	29	6	31	7	33	8	31	11	35	10	38	145	35	65
4	18	6	22	5	25	8	28	7	29	7	28	6	29	6	31	6	30	5	33	2	22	2	17	108	30	60
2	26	1	39	1	37	0	—	0	—	0	—	0	—	1	12	1	11	2	12	1	13	2	15	26	16	39
1	11	1	14	1	16	0	—	1	13	1	11	1	13	1	13	1	11	1	9	1	7	1	9	43	14	22
2	—	1	—	0	—	0	—	0	—	1	—	2	—	2	—	2	—	2	—	2	—	1	—	65	—	—
—	26	—	26	—	26	—	26	—	26	—	24	—	25	—	25	—	25	—	24	—	24	—	25	—	24	—

MARCH.

1	8	2	11	5	14	3	15	3	13	6	16	5	16	3	17	3	19	3	17	3	15	3	17	53	14	27
4	21	2	32	2	23	2	24	3	20	2	22	3	18	4	20	4	22	4	24	5	22	4	28	81	22	36
2	9	4	16	2	15	2	14	2	14	1	21	1	18	3	16	1	20	4	13	2	12	2	13	57	14	25
5	27	4	25	5	21	6	20	4	25	6	20	7	17	8	14	8	15	4	11	4	10	2	10	108	18	47
1	16	3	13	2	16	2	20	3	10	3	12	3	9	1	8	0	—	1	9	1	7	2	10	42	11	25
6	18	4	22	5	19	5	15	4	17	2	22	1	38	2	23	3	18	3	27	1	37	1	29	53	21	39
2	28	4	23	5	19	4	18	5	17	4	17	3	11	1	17	2	14	2	17	4	21	3	27	79	22	36
5	19	7	17	5	16	6	15	6	16	4	13	5	15	3	21	3	20	3	15	2	18	1	29	95	18	32
5	—	1	—	0	—	1	—	1	—	3	—	3	—	6	—	7	—	7	—	9	—	13	—	176	—	—
—	17	—	19	—	18	—	17	—	16	—	15	—	14	—	14	—	14	—	13	—	12	—	12	—	13	—

APRIL.

4	24	6	23	5	22	6	21	6	21	6	19	5	18	8	14	5	13	4	12	5	11	5	11	123	17	38
5	24	4	20	4	23	3	21	3	21	4	22	4	16	3	15	5	17	3	21	3	19	5	15	92	19	30
1	20	2	20	1	12	2	18	1	22	1	23	1	15	3	16	3	12	6	10	4	10	2	13	63	15	28
6	24	3	26	5	22	2	26	1	27	3	21	3	17	3	16	3	16	4	14	4	17	4	17	81	19	33
0	—	2	15	1	19	2	14	3	18	1	15	1	12	1	10	0	—	1	9	0	—	0	—	16	19	36
5	23	5	24	2	24	5	18	7	20	6	20	7	21	5	25	2	25	2	24	2	25	3	17	87	21	32
3	18	2	20	7	20	6	20	4	15	5	17	5	13	4	10	6	15	5	17	5	16	4	15	93	27	39
6	16	6	15	5	14	4	14	5	17	3	15	3	13	2	16	2	18	2	14	2	16	2	22	80	16	28
0	—	0	—	0	—	0	—	0	—	1	—	1	—	1	—	4	—	3	—	5	—	5	—	85	—	—
—	21	—	21	—	20	—	19	—	19	—	18	—	16	—	15	—	14	—	13	—	13	—	13	—	15	—

ABERDEEN.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and

MAY 1887.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	4	10	3	11	4	14	2	15	1	17	3	16	5	15	5	16	4	16	2	16	3	18	5	18
NE	1	14	1	17	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	8	0	—	1	8
E	1	8	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	8	1	9	3	8	3	10
SE	1	6	1	7	0	—	0	—	1	6	1	11	1	13	4	12	2	12	6	13	7	14	8	12
S	5	8	3	8	3	7	0	—	2	9	2	11	3	10	4	11	5	14	3	14	3	18	5	17
SW	2	9	1	10	1	11	2	10	3	11	3	10	2	8	3	8	1	11	3	13	1	15	1	15
W	2	10	4	14	4	11	4	9	7	11	4	10	7	11	7	14	3	13	5	11	4	12	3	15
NW	8	12	6	10	6	13	8	14	8	13	9	13	6	14	5	15	11	14	9	17	10	17	5	19
Calms	7	—	12	—	13	—	15	—	9	—	9	—	7	—	3	—	3	—	1	—	0	—	0	—
Mean Velocity irrespective of Direction	—	8	—	7	—	7	—	6	—	8	—	9	—	10	—	12	—	12	—	14	—	15	—	15

JUNE.

N	0	—	1	11	3	9	2	11	2	10	2	9	5	10	3	10	3	11	2	11	5	12	4	12
NE	0	—	0	—	1	8	0	—	1	7	0	—	0	—	2	10	3	10	2	12	1	13	2	7
E	2	8	2	7	0	—	1	6	0	—	1	6	0	—	0	—	5	7	7	10	3	10	4	11
SE	3	7	2	8	1	8	0	—	1	7	1	7	2	7	3	10	2	10	3	12	9	12	8	11
S	2	14	2	13	3	12	3	9	2	9	1	13	3	9	4	9	5	14	3	14	2	14	5	16
SW	3	10	4	8	0	—	1	12	2	10	2	10	3	11	2	16	1	16	1	11	4	11	1	14
W	2	7	3	9	4	8	4	8	4	7	4	9	3	9	3	11	6	12	4	14	1	22	3	18
NW	9	9	7	8	5	9	5	10	6	9	5	10	4	14	6	11	3	11	6	12	3	12	3	13
Calms	9	—	9	—	13	—	14	—	12	—	14	—	10	—	7	—	2	—	2	—	2	—	0	—
Mean Velocity irrespective of Direction	—	6	—	6	—	5	—	5	—	5	—	5	—	7	—	8	—	10	—	11	—	11	—	12

JULY.

N	1	7	2	8	0	—	0	—	0	—	1	10	1	9	3	9	4	12	1	22	1	20	0	—
NE	0	—	0	—	1	6	0	—	0	—	0	—	0	—	0	—	1	6	2	12	0	—	0	—
E	0	—	0	—	0	—	1	6	0	—	0	—	1	8	1	11	1	11	1	8	3	9	2	12
SE	1	19	1	11	1	17	2	15	1	25	0	—	0	—	3	10	3	11	4	12	6	16	7	15
S	4	15	6	17	5	12	3	11	7	11	5	12	6	11	8	12	9	15	9	15	8	13	7	17
SW	5	12	4	8	4	11	5	12	2	10	6	11	9	11	9	10	7	11	5	11	4	14	6	12
W	4	9	2	13	4	11	1	11	2	14	3	10	5	14	3	14	2	21	4	12	4	9	4	11
NW	4	11	4	11	4	10	6	11	5	10	5	12	3	12	3	22	3	15	4	16	5	14	4	17
Calms	12	—	12	—	12	—	13	—	14	—	11	—	6	—	1	—	1	—	1	—	0	—	1	—
Mean Velocity irrespective of Direction	—	7	—	7	—	7	—	6	—	6	—	7	—	9	—	12	—	13	—	13	—	13	—	14

AUGUST.

N	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	9	1	10	2	7	2	12
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	6	0	—	1	11	2	10
E	0	—	0	—	0	—	1	6	1	8	0	—	0	—	0	—	2	9	5	8	3	9	2	11
SE	2	7	1	7	1	7	2	6	2	8	3	7	2	7	2	8	2	12	3	12	7	12	8	11
S	4	9	5	9	4	10	2	9	2	7	2	9	3	8	4	9	5	11	4	11	2	13	6	12
SW	2	10	2	14	4	12	4	11	4	10	1	13	5	8	3	11	1	11	1	14	1	15	1	11
W	5	8	5	15	6	8	6	13	6	11	5	13	8	16	6	16	6	15	6	16	5	21	4	21
NW	6	12	6	9	4	14	5	8	6	11	6	13	6	14	9	17	11	19	10	18	10	15	6	18
Calms	12	—	12	—	12	—	11	—	10	—	14	—	7	—	7	—	2	—	0	—	0	—	0	—
Mean Velocity irrespective of Direction	—	6	—	7	—	6	—	6	—	7	—	6	—	9	—	11	—	12	—	13	—	13	—	14

ABERDEEN.

MEAN VELOCITY, &c. for each CALENDAR MONTH—continued.

MAY 1887.

P.M.																				Midt.		Monthly Totals and Means.		Maximum Velocity.		
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.					24.	
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.		No.	V.
4	18	4	17	4	17	5	15	6	14	5	14	6	13	5	15	4	12	3	9	3	11	4	12	94	15	25
0	—	1	23	1	19	1	17	1	19	0	—	1	13	1	12	1	12	1	9	1	9	2	9	15	13	23
5	9	5	9	5	10	5	10	3	9	3	7	0	—	0	—	0	—	2	6	0	—	1	6	39	9	13
8	10	6	16	8	15	2	16	8	13	4	12	7	10	3	10	3	9	2	8	1	6	0	—	84	13	21
2	25	7	15	4	17	10	16	3	15	7	14	4	14	4	12	4	13	5	10	6	8	8	8	102	13	22
2	17	0	—	1	11	1	20	3	16	1	16	1	17	2	13	2	11	3	8	4	12	1	14	44	18	20
2	15	2	17	3	18	1	16	0	—	2	19	3	21	3	24	2	18	2	21	3	11	1	8	78	13	30
7	18	5	20	4	23	4	23	4	20	5	18	2	21	2	11	7	13	7	11	9	12	8	11	155	15	38
1	—	1	—	1	—	2	—	3	—	4	—	7	—	11	—	8	—	6	—	4	—	6	—	133	—	—
—	15	—	15	—	15	—	15	—	13	—	12	—	10	—	9	—	9	—	8	—	9	—	8	—	11	—

JUNE.

3	12	1	10	2	11	2	14	1	12	3	14	3	10	3	11	6	8	5	9	4	9	3	9	68	10	17
6	10	5	13	4	12	4	14	5	12	4	10	5	9	2	8	1	6	2	6	0	—	0	—	50	10	21
2	10	6	11	7	11	6	9	4	8	6	8	3	7	3	7	2	8	1	7	1	6	2	7	68	9	19
5	11	5	11	4	10	5	11	6	10	1	6	1	7	2	9	0	—	4	8	0	—	2	9	70	10	18
5	14	5	14	6	13	4	18	4	12	5	12	5	11	2	12	4	9	2	8	4	8	3	11	84	12	26
2	11	3	9	1	23	4	15	4	17	3	11	4	18	6	13	4	13	4	10	4	10	3	8	66	12	31
3	19	1	19	3	21	0	—	0	—	2	21	1	12	1	13	2	12	2	8	2	10	2	11	60	12	30
2	16	3	18	1	20	2	21	2	21	2	18	2	17	2	15	1	6	3	8	6	8	6	9	94	11	24
2	—	1	—	2	—	3	—	4	—	4	—	6	—	9	—	10	—	7	—	9	—	9	—	160	—	—
—	12	—	12	—	12	—	12	—	11	—	10	—	9	—	8	—	6	—	6	—	6	—	6	—	8	—

JULY.

1	11	0	—	0	—	2	18	1	19	0	—	1	11	1	7	0	—	0	—	0	—	0	—	20	12	22
0	—	0	—	0	—	0	—	2	7	2	13	0	—	0	—	0	—	0	—	0	—	0	—	8	9	17
2	10	1	12	2	12	4	10	4	8	3	6	2	9	1	14	1	8	1	7	1	6	0	—	32	9	14
10	14	4	14	5	12	2	14	2	13	5	12	5	12	2	12	1	8	2	13	2	13	2	16	71	13	25
5	12	12	15	11	14	10	13	9	13	6	13	1	11	4	10	7	11	7	10	8	12	5	12	162	13	29
2	14	4	13	4	14	4	15	4	15	4	18	7	16	6	14	3	12	4	11	2	8	4	13	114	12	24
5	12	1	11	3	12	6	12	3	14	1	16	1	16	3	11	3	9	2	9	5	10	3	8	74	12	26
4	14	5	16	5	15	4	6	5	10	5	13	6	10	4	11	3	13	4	10	2	6	3	11	100	12	29
2	—	2	—	1	—	1	—	1	—	5	—	8	—	10	—	13	—	11	—	11	—	14	—	163	—	—
—	12	—	12	—	13	—	12	—	12	—	11	—	9	—	8	—	6	—	7	—	7	—	7	—	10	—

AUGUST.

2	12	1	8	0	—	1	9	2	12	1	10	1	10	2	7	1	7	2	8	1	6	0	—	20	9	14
2	10	0	—	3	10	1	8	1	12	2	13	2	9	1	10	1	9	1	9	1	6	1	6	20	9	14
2	10	4	9	1	9	3	11	3	7	1	6	1	6	0	—	1	6	0	—	0	—	0	—	30	8	12
8	11	7	13	7	10	8	11	4	11	3	10	4	8	4	9	3	9	3	10	2	9	2	8	90	10	17
4	14	6	14	8	13	7	13	8	12	10	12	8	11	6	10	6	10	7	10	2	9	3	9	118	11	19
3	12	1	15	1	19	1	16	3	11	1	10	1	11	3	10	2	8	0	—	2	10	4	10	51	11	21
1	17	3	23	2	19	3	17	3	13	4	15	3	14	4	14	2	13	5	15	2	21	3	8	103	15	34
9	18	8	15	9	16	6	16	4	18	5	12	5	12	3	9	7	11	5	8	7	8	8	11	162	14	36
0	—	1	—	0	—	1	—	3	—	4	—	6	—	8	—	8	—	8	—	14	—	10	—	150	—	—
—	14	—	14	—	13	—	12	—	11	—	10	—	8	—	7	—	7	—	8	—	5	—	7	—	10	—

ABERDEEN.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and
SEPTEMBER 1887.

POINTS.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	4	10	4	11	1	9	3	9	1	11	1	7	2	7	3	10	5	12	5	11	3	12	3	13
NE	1	16	0	—	0	—	0	—	0	—	0	—	2	17	1	10	1	9	2	9	4	14	5	13
E	1	20	1	17	2	18	2	19	2	23	2	23	0	—	2	11	1	19	2	12	1	6	2	7
SE	1	9	1	12	0	—	0	—	0	—	0	—	0	—	0	—	1	13	1	10	2	10	3	12
S	1	18	2	20	2	16	2	16	0	—	2	16	0	—	2	16	2	8	2	12	1	14	1	18
SW	6	10	5	8	4	13	4	10	5	14	3	12	5	14	2	14	3	17	1	10	4	16	3	15
W	7	10	7	10	7	8	6	9	6	9	5	9	7	10	7	11	4	10	7	14	1	20	3	19
NW	5	13	7	11	9	13	8	13	9	12	9	12	8	12	7	12	8	14	6	15	11	15	9	14
Calms	4	—	3	—	5	—	5	—	7	—	8	—	6	—	6	—	5	—	4	—	3	—	1	—
Mean Velocity irrespective of Direction	—	10	—	10	—	10	—	10	—	10	—	9	—	9	—	10	—	11	—	11	—	13	—	14

OCTOBER.

N	1	20	2	21	3	16	1	22	4	18	3	12	3	11	2	15	2	16	2	10	3	11	3	13
NE	0	—	0	—	0	—	0	—	0	—	0	—	1	32	0	—	1	27	1	22	1	25	1	24
E	0	—	0	—	0	—	1	15	0	—	1	30	0	—	1	30	0	—	0	—	0	—	0	—
SE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
S	2	12	3	11	3	11	3	12	1	6	4	11	2	14	3	9	3	9	2	11	2	14	2	13
SW	9	13	6	12	7	12	8	11	9	12	6	9	8	8	9	10	6	11	9	10	8	12	7	15
W	7	11	8	13	7	11	5	12	5	12	7	12	6	10	7	14	9	10	7	12	7	16	6	17
NW	11	15	10	14	9	17	13	15	9	16	9	15	10	16	8	15	10	17	10	19	10	18	12	19
Calms	1	—	2	—	2	—	0	—	3	—	1	—	2	—	1	—	0	—	0	—	0	—	0	—
Mean Velocity irrespective of Direction	—	13	—	12	—	13	—	13	—	12	—	12	—	12	—	13	—	13	—	14	—	15	—	17

NOVEMBER.

N	2	10	0	—	0	—	1	11	1	8	1	6	2	9	2	9	1	8	1	11	2	11	2	10
NE	0	—	0	—	1	32	1	33	2	22	2	22	1	34	3	22	2	26	2	21	2	24	2	26
E	5	25	5	25	4	23	4	23	2	31	2	33	2	32	2	33	3	25	3	26	3	24	4	20
SE	2	31	2	22	3	24	3	23	2	33	2	34	2	32	2	24	1	30	1	31	1	32	2	33
S	3	13	3	20	2	19	2	23	3	15	4	18	5	14	6	15	5	16	5	15	5	16	4	15
SW	6	11	5	10	4	12	5	12	4	11	3	8	5	11	3	14	4	15	4	14	3	17	4	16
W	4	7	4	8	4	9	5	8	4	10	5	8	6	9	5	9	7	10	6	9	8	11	8	11
NW	5	11	7	10	8	10	7	10	8	11	7	11	6	10	6	10	6	10	7	11	4	12	3	11
Calms	3	—	4	—	4	—	2	—	4	—	4	—	1	—	1	—	1	—	1	—	2	—	1	—
Mean Velocity irrespective of Direction	—	13	—	13	—	13	—	14	—	13	—	13	—	14	—	14	—	14	—	14	—	15	—	15

DECEMBER.

N	0	—	2	11	2	12	1	11	0	—	0	—	1	11	3	13	4	12	4	13	4	17	2	18
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
SE	1	16	1	12	2	22	1	29	1	25	1	7	2	15	1	39	1	27	0	—	1	19	1	36
S	5	16	5	17	3	13	4	11	2	15	4	17	3	16	1	25	3	20	5	18	5	14	5	15
SW	8	15	8	16	10	16	8	19	10	16	7	16	7	16	9	14	8	14	7	14	6	13	4	15
W	6	17	5	15	4	10	6	12	6	15	7	14	8	14	9	13	8	13	7	14	6	17	7	17
NW	10	13	9	14	8	17	8	15	11	12	11	13	8	13	7	12	6	13	6	15	6	13	9	14
Calms	1	—	1	—	2	—	3	—	1	—	1	—	2	—	1	—	1	—	2	—	3	—	3	—
Mean Velocity irrespective of Direction	—	14	—	14	—	14	—	14	—	14	—	14	—	13	—	14	—	14	—	14	—	13	—	14

ABERDEEN.

MEAN VELOCITY, &c. for each CALENDAR MONTH—*continued.*

SEPTEMBER 1887.

P.M.																						Midt.		Monthly Totals and Means.		Maximum Velocity.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	
3	13	3	15	3	14	4	13	6	10	5	9	4	10	5	9	4	10	4	10	3	13	3	11	80	11	17
3	15	4	12	3	16	5	14	3	12	3	16	5	12	1	21	2	15	0	—	2	15	2	15	48	14	25
3	15	4	13	5	9	2	10	2	10	2	10	0	—	1	11	0	—	2	15	0	—	1	18	40	13	24
2	11	2	8	2	9	2	8	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	17	10	13
4	11	4	13	4	13	4	13	7	10	3	9	3	10	2	11	2	12	1	18	1	21	1	16	53	13	25
1	18	1	19	1	16	1	18	1	13	2	12	2	7	3	8	2	8	4	12	4	9	3	11	70	12	25
4	19	3	21	4	15	4	13	3	13	4	11	4	12	5	13	7	12	6	11	4	13	7	9	122	12	30
9	15	10	14	8	14	6	14	6	13	6	11	4	13	5	11	5	11	7	11	9	12	9	12	180	13	25
1	—	0	—	0	—	2	—	2	—	6	—	8	—	8	—	8	—	6	—	8	—	4	—	110	—	—
—	14	—	14	—	13	—	12	—	11	—	9	—	8	—	8	—	8	—	9	—	9	—	10	—	10	—

OCTOBER.

5	17	5	15	4	16	5	12	4	12	3	13	2	17	2	17	1	21	1	24	1	16	1	20	62	15	24
1	13	1	11	1	12	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	8	21	32
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	25	30
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	6	1	9	0	—	0	—	2	8	9
3	15	2	17	3	13	4	9	3	8	1	8	5	9	2	9	1	9	1	12	1	17	6	12	62	11	21
5	13	6	13	5	16	4	19	6	16	8	13	4	14	7	12	9	10	11	10	11	10	4	11	172	12	26
9	16	10	15	5	14	4	10	4	12	5	11	3	8	6	10	3	12	4	12	5	11	10	9	149	12	26
8	19	7	20	12	18	13	17	11	16	11	14	15	14	12	14	14	14	13	14	13	14	10	13	260	16	33
0	—	0	—	1	—	1	—	3	—	3	—	2	—	2	—	2	—	0	—	0	—	0	—	26	—	—
—	16	—	16	—	16	—	14	—	13	—	12	—	12	—	12	—	12	—	12	—	12	—	12	—	13	—

NOVEMBER.

2	10	2	9	3	9	3	13	4	11	4	11	5	10	3	11	2	9	0	—	1	9	2	11	46	10	17
4	27	4	25	2	30	1	34	0	—	2	33	0	—	1	24	2	25	2	20	1	37	1	32	38	26	39
2	17	2	18	3	22	3	22	4	26	3	15	5	25	4	27	3	29	2	30	4	22	4	25	78	24	41
2	39	1	46	2	37	1	49	2	36	2	29	3	29	1	17	2	31	1	24	2	31	0	—	42	30	49
3	15	3	19	2	18	4	16	1	11	3	15	2	14	4	22	2	13	2	30	3	9	5	18	81	16	34
5	17	5	11	6	12	3	11	7	11	6	11	4	14	5	11	6	12	10	12	8	10	8	10	123	12	29
6	12	5	16	5	9	4	11	4	9	3	10	4	8	2	10	2	10	1	8	2	7	2	9	106	10	31
5	11	7	11	5	10	7	8	3	9	4	10	2	10	3	10	4	11	6	11	6	11	5	11	131	10	16
1	—	1	—	2	—	4	—	5	—	3	—	5	—	7	—	7	—	6	—	3	—	3	—	75	—	—
—	17	—	16	—	14	—	13	—	12	—	13	—	13	—	13	—	13	—	12	—	13	—	13	—	14	—

DECEMBER.

3	13	2	12	1	9	1	10	3	9	2	13	1	15	2	13	3	12	2	12	1	11	0	—	44	13	30
0	—	0	—	0	—	1	11	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	11	11
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—
1	27	1	14	0	—	1	11	2	18	2	15	2	23	2	21	3	14	2	14	2	14	2	22	33	10	39
4	19	4	17	3	15	4	19	3	9	3	11	5	11	4	14	4	13	3	13	5	13	5	14	92	15	35
6	14	7	14	8	14	6	10	5	9	6	11	7	11	6	14	5	11	6	14	5	14	4	12	163	14	44
9	14	8	16	9	16	7	16	10	14	8	15	5	15	3	13	5	13	4	11	6	15	6	13	159	14	40
7	16	7	15	7	16	9	15	7	18	10	16	10	15	11	14	9	14	11	15	10	14	12	14	209	14	37
1	—	2	—	3	—	2	—	1	—	0	—	1	—	3	—	2	—	3	—	2	—	2	—	43	—	—
—	15	—	14	—	14	—	13	—	13	—	14	—	13	—	13	—	12	—	12	—	13	—	13	—	14	—

ABERDEEN OBSERVATORY.

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, and DAILY AMOUNTS of RAINFALL, for each MONTH of the YEAR.

JANUARY 1887.										FEBRUARY 1887.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			
				Dry.	Difference. (Dry—Wet.)								Dry.	Difference. (Dry—Wet.)					
1	ins. 30°039	ins. 30°145	ins. 29°900	38°7	1°5	40°5	36°9	ins. 0°05		ins. 29°546	ins. 29°741	ins. 29°407	37°8	3°9	42°3	34°1	in. —	1	
2	29°699	29°890	29°505	37°4	1°5	40°6	32°9	0°25		29°410	29°736	29°115	38°2	2°3	40°7	34°6	0°155	2	
3	29°167	29°479	28°974	37°1	1°7	40°6	32°5	0°25		29°206	29°395	29°003	42°6	2°2	48°0	35°9	0°330	3	
4	29°134	29°245	28°937	33°1	2°1*	35°8	30°3	0°25		29°780	29°911	29°445	41°8	2°6	45°6	36°9	0°060	4	
5	28°775	28°897	28°737	32°9	1°4*	35°7	29°2	0°560		29°963	30°350	29°709	41°7	2°6	49°3	35°0	0°10	5	
6	28°790	28°824	28°690	35°2	1°1	39°0	28°9	0°220		30°536	30°584	30°384	37°3	2°5*	41°5	32°4	—	6	
7	28°926	29°063	28°709	38°0	1°8	39°9	35°9	0°380		30°546	30°598	30°500	37°5	2°3*	41°0	33°1	—	7	
8	29°142	29°245	29°065	33°9	0°7	37°6	32°4	0°380		30°603	30°625	30°578	36°6	2°1*	39°7	32°7	—	8	
9	29°380	29°491	29°250	36°2	1°0	39°1	33°9	—		30°523	30°600	30°435	33°6	2°9*	39°3	29°0	—	9	
10	29°591	29°650	29°500	32°5	0°7	37°5	30°0	—		30°466	30°495	30°440	31°6	2°1*	37°1	24°5	—	10	
11	29°439	29°708	29°250	39°3	1°9	40°8	32°6	0°700		30°505	30°574	30°469	38°1	0°9	42°1	34°8	0°085	11	
12	30°025	30°160	29°735	35°5	2°5	39°0	33°2	—		30°603	30°635	30°574	39°9	0°7	44°0	36°8	0°10	12	
13	30°029	30°120	29°954	37°7	1°9	39°7	33°4	—		30°537	30°629	30°367	41°2	1°3	44°9	36°5	0°15	13	
14	30°228	30°315	30°084	35°4	2°3	40°0	29°2	—		30°259	30°360	30°195	39°7	2°0	42°6	36°4	0°070	14	
15	30°235	30°315	30°067	32°8	1°8	39°3	28°6	0°005		30°349	30°393	30°289	39°5	2°8	41°8	37°6	0°30	15	
16	29°948	30°049	29°897	34°6	3°1	38°0	29°4	—		30°206	30°294	30°136	37°3	2°4	40°4	35°4	—	16	
17	29°580	29°681	29°335	33°5	2°0	36°7	28°7	0°470		30°054	30°255	29°769	39°8	1°1	42°7	34°8	0°110	17	
18	29°620	29°749	29°360	35°8	1°8	39°5	32°4	0°020		29°831	30°050	29°650	42°6	2°1	47°1	37°7	0°10	18	
19	29°525	29°875	29°325	41°0	1°6	48°0	37°5	0°095		30°066	30°100	29°990	42°6	3°2	49°0	37°4	0°005	19	
20	30°121	30°220	29°924	40°2	3°2	46°4	35°9	—		29°722	29°970	29°625	41°3	2°4	45°6	37°0	0°15	20	
21	30°102	30°147	30°020	44°8	5°7	48°0	39°4	—		29°742	29°800	29°640	40°4	3°3	45°0	36°0	0°005	21	
22	30°083	30°212	29°928	44°0	2°6	40°1	40°1	0°35		29°493	29°687	29°330	46°5	2°7	50°2	41°2	0°050	22	
23	30°144	30°205	30°052	41°3	1°3	49°0	36°5	0°005		29°423	29°490	29°360	48°6	3°5	53°6	45°0	—	23	
24	29°871	30°040	29°715	39°5	1°8	42°5	37°2	0°005		29°373	29°424	29°327	49°4	2°8	51°5	47°0	0°005	24	
25	29°715	29°765	29°675	45°4*	1°7*	47°9	42°7*	—		29°761	30°195	29°387	41°9	3°6	48°0	36°8	—	25	
26	29°880	30°010	29°750	48°2*	2°1*	50°1*	45°9*	0°005		30°142	30°192	30°097	41°7	5°8	46°8	36°5	—	26	
27	29°911	30°000	29°748	47°3*	2°7*	50°6	43°7*	0°005		30°218	30°270	30°145	46°1	4°8	51°2	42°6	—	27	
28	29°752	29°845	29°705	48°0	3°6	50°7	42°9	—		30°165	30°237	30°100	46°2	6°9	52°1	39°0	—	28	
29	29°834	29°911	29°727	49°8	4°0	58°0	47°0	—											
30	29°809	29°867	29°750	46°7	3°2	50°8	40°3	—											
31	29°543	29°800	29°315	40°6	2°4	44°1	37°8	0°025											
Maximum fall in one hour } 9 a.m. 11th									0°155	Maximum fall in one hour } Noon 3rd									0°095

MARCH.										APRIL.									
	ins.	ins.	ins.					ins.		ins.	ins.	ins.					in.		
1	30°255°	30°340°	30°130°	44°9	3°6	52°0	30°3	—		29°798	29°885	29°669	41°7	4°0	45°4	38°6	0°40	1	
2	30°325°	30°375°	30°282	44°7	3°2	52°6	33°7	—		29°750	29°824	29°667	45°4	4°4	50°6	41°1	0°005	2	
3	30°288	30°327	30°264	49°3	3°7	56°2	44°5	—		29°753	29°837	29°585	48°1	4°7	52°4	43°7	—	3	
4	30°303	30°335	30°275	45°8	4°6	50°5	40°5	—		29°367	29°547	29°304	42°8	2°9	47°9	35°8	0°145	4	
5	30°199	30°274	30°145	40°2	3°1	46°7	33°7	—		29°631	29°950	29°347	36°3	2°4	40°4	33°4	0°210	5	
6	30°157	30°228	30°116	36°8	1°0	41°3	31°2	—		30°111	30°187	29°964	35°6	3°7*	38°2	31°9	0°025	6	
7	30°272	30°306	30°235	41°0	2°2	46°2	36°0	—		30°238	30°283	30°175	37°5	3°2*	41°1	32°6	—	7	
8	30°065	30°223	29°920	40°6	2°9	45°4	34°8	—		30°212	30°260	30°167	40°4	3°3	47°9	30°6	0°15	8	
9	29°953	30°069	29°876	39°4	2°7	47°4	33°7	0°15		30°247	30°268	30°212	40°6	2°8	44°1	35°1	—	9	
10	30°056	30°093	29°994	32°6	2°3	35°9	29°4	—		30°196	30°239	30°159	42°2	3°2	51°5	31°8	—	10	
11	29°902	29°979	29°860	30°2	1°3	33°3	26°4	—		30°105	30°155	30°055	42°4	2°2	49°3	36°9	—	11	
12	30°036	30°105	29°931	29°1	1°4	35°0	25°0	—		30°094	30°160	30°051	43°7	2°6	50°1	36°4	0°10	12	
13	29°997	30°090	29°880	29°7	1°1	34°1	25°0	0°370		30°200	30°250	30°158	37°4	4°0	41°0	32°5	—	13	
14	29°774	29°855	29°737	30°3	1°4	35°1	26°1	—		30°289	30°328	30°250	36°4	4°0	42°5	33°0	0°005	14	
15	29°775	29°899	29°719	32°0	1°6	39°5	26°5	—		30°287	30°416	30°226	39°9	3°5	47°1	32°0	0°10	15	
16	29°995	30°065	29°900	29°7	1°8	36°9	21°8	—		30°463	30°491	30°422	40°3	3°3	46°6	20°5	—	16	
17	30°052	30°073	30°035	36°0	2°6	42°0	28°9	—		30°383	30°460	30°304	48°3	5°7	62°6	36°3	—	17	
18	30°100	30°149	30°055	38°9	2°6	44°3	34°9	0°10		30°198	30°308	30°092	50°0	5°8	58°3	43°0	—	18	
19	30°188	30°209	30°150	38°7	3°0	46°0	30°7	—		29°952	30°069	29°821	51°6	5°6	53°6	49°7	—	19	
20	30°076	30°200	29°937	35°5	2°3	40°2	29°9	0°30		29°831	29°909	29°793	43°6	2°3	50°6	39°4	0°270	20	
21	29°668	29°915	29°397	35°4	1°4	38°9	33°0	0°70		29°616	29°887	29°271	40°5	1°9	44°6	36°7	0°350	21	
22	29°177	29°373	29°071	36°2	1°7	39°0	33°6	0°110		29°152	29°250	29°096	48°7	2°8	55°1	43°9	0°145	22	
23	28°974	29°052	28°945	39°4	1°8	43°4	34°8	0°170		29°030	29°087	29°005	45°8	2°3	50°2	41°2	0°025	23	
24	29°027	29°105	28°959	40°5	3°6	47°2	35°4	0°005		29°080	29°254	29°002	42°8	2°1	50°4	36°0	0°370	24	
25	29°369	29°674	29°105	41°4	3°1	48°6	34°9	0°30		29°394	29°567	29°257	41°1	4°5	49°3	34°6	—	25	
26	29°773	29°856	29°627	43°1	3°6	47°8	38°7	0°35		29°533	29°611	29°406	39°3	2°7	45°1	33°6	0°060	26	
27	29°476	29°586	29°359	45°1	3°8	50°4	41°7	0°55		29°508	29°593	29°463	38°7	3°3	48°7	33°9	0°065	27	
28	29°894	30°100	29°579	47°0	3°6	52°6	41°6	0°005		29°705	29°835	29°523	41°6	2°6	50°7	35°3	0°35	28	
29	30°176	30°230	30°100	47°3	4°1	52°0	41°3	—		29°913	29°996	29°830	40°9	2°6	45°3	36°9	0°065	29	
30	30°140	30°227	30°002	48°8	4°6	56°7	41°4	—		30°021	30°045	29°998	41°5	3°7	48°0	35°6	0°070	30	
31	29°683	29°983	29°462	42°5	3°2	51°6	36°2	0°305											
Maximum fall in one hour } 1 p.m. 31st										Maximum fall in one hour } 3 p.m. 24th									

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., ABERDEEN—*cont.*

MAY 1887.										JUNE 1887.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			
				Dry.	Difference. (Dry—Wet.)								Dry.	Difference. (Dry—Wet.)					
1	ins. 29°916	ins. 0°011	ins. 29°788	44°9	4°7	51°8	37°3	in. —	1	ins. 29°983	ins. 30°043	ins. 29°939	49°4	3°6	55°7	42°5	in. —	1	
2	29°737	29°775	29°686	42°3	3°3	47°7	34°6	—	2	29°896	29°936	29°861	45°0	2°5	47°4	42°7	—	2	
3	29°575	29°670	29°531	41°5	2°3	46°5	35°0	—	3	29°855	29°873	29°841	47°1	1°8	50°3	43°8	—	3	
4	29°563	29°631	29°522	41°9	2°6	48°0	33°4	°030	4	29°873	29°882	29°855	49°5	1°8	54°2	41°9	°025	4	
5	29°712	29°807	29°634	44°6	2°8	49°7	36°9	—	5	29°886	29°912	29°858	53°7	2°2	61°7	48°2	—	5	
6	29°895	29°957	29°815	45°5	3°1	49°6	40°9	—	6	29°846	29°906	29°768	58°4	4°3	67°7	49°6	—	6	
7	30°006	30°082	29°957	47°9	2°6	55°6	42°0	°020	7	29°568	29°757	29°409	56°4	4°3	66°4	51°8	°090	7	
8	30°048	30°075	30°014	55°2	4°5	64°7	46°4	°010	8	29°642	29°691	29°562	58°1	8°5	66°2	51°0	—	8	
9	30°059	30°098	30°024	51°5	6°4	58°4	44°7	°005	9	29°800	30°096	29°643	54°5	5°4	62°2	48°0	°085	9	
10	30°073	30°100	30°016	50°5	4°6	55°4	47°0	°045	10	30°229	30°261	30°126	52°8	4°2	61°1	44°7	°005	10	
11	30°017	30°052	29°994	48°6	4°1	53°9	42°8	—	11	30°030	30°214	29°916	55°6	3°4	62°2	46°1	°085	11	
12	30°101	30°229	30°039	45°3	3°4	54°9	39°8	°110	12	29°782	29°897	29°706	59°3	5°0	66°3	51°3	°065	12	
13	30°302	30°351	30°235	42°9	5°2	47°7	39°8	—	13	29°846	29°982	29°732	54°8	3°5	61°5	48°9	°250	13	
14	30°316	30°336	30°298	48°9	2°5	56°7	40°6	°105	14	30°075	30°117	30°002	53°5	3°3	58°7	44°8	°020	14	
15	30°288	30°315	30°263	54°8	4°0	62°6	49°9	—	15	30°133	30°240	30°024	58°4	3°9	66°3	52°8	°005	15	
16	30°165	30°252	30°026	52°8	4°1	59°1	46°4	—	16	30°214	30°231	30°198	58°6	3°8	68°8	52°7	—	16	
17	29°832	29°998	29°725	52°4	5°0	61°1	43°4	°035	17	30°237	30°263	30°212	59°3	3°3	70°1	52°0	—	17	
18	29°702	29°764	29°539	48°6	4°3	55°1	44°4	°025	18	30°216	30°269	30°191	61°7	3°9	74°0	53°1	°010	18	
19	29°383	29°506	29°208	46°8	4°8	52°5	43°2	°080	19	30°322	30°374	30°273	51°9	2°5	55°6	49°3	—	19	
20	29°132	29°212	29°085	41°3	3°6	45°4	36°4	°160	20	30°382	30°395	30°364	54°6	6°8	63°1	45°1	—	20	
21	29°291	29°430	29°212	39°9	3°1	48°2	33°0	°480	21	30°323	30°352	30°312	55°7	6°5	66°4	44°7	—	21	
22	29°661	29°828	29°456	43°8	2°9	51°9	37°2	°135	22	30°301	30°323	30°284	58°8	6°4	71°6	49°9	—	22	
23	29°909	30°037	29°830	48°4	4°6	56°6	38°6	—	23	30°292	30°314	30°279	53°0	2°2	61°4	49°6	—	23	
24	30°139	30°219	30°048	50°0	2°1	55°0	44°7	°015	24	30°293	30°310	30°276	51°3	1°0	58°3	48°7	—	24	
25	30°262	30°325	30°209	51°0	1°1	53°6	46°4	°265	25	30°226	30°275	30°192	55°6	2°9	67°0	47°8	—	25	
26	30°322	30°370	30°260	49°3	2°3	54°6	45°4	°095	26	30°169	30°230	30°025	53°0	3°4	58°6	49°9	°005	26	
27	30°175	30°237	30°143	48°5	1°7	52°0	43°8	°005	27	30°025	30°087	29°084	55°7	4°7	62°2	48°0	—	27	
28	30°073	30°130	30°022	47°3	3°3	53°0	43°6	—	28	30°148	30°275	30°082	58°8	4°7	69°6	51°1	—	28	
29	29°994	30°018	29°976	45°7	3°5	49°0	43°6	—	29	30°334	30°373	30°262	61°4	5°5	68°0	53°3	—	29	
30	30°071	30°128	30°009	46°5	1°3	50°0	42°8	°025	30	30°305	30°364	30°248	62°9	5°7	70°1	54°3	—	30	
31	30°097	30°132	30°046	48°7	3°8	54°0	40°7	—	31										
Maximum fall in one hour } 6 p.m. 21st									Maximum fall in one hour } 5 p.m. 13th									0°060	
0°190																			
JULY.										AUGUST.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			
				Dry.	Difference. (Dry—Wet.)								Dry.	Difference. (Dry—Wet.)					
1	ins. 30°112	ins. 30°243	ins. 29°998	66°1	6°3	76°3	58°4	in. —	1	ins. 30°061	ins. 30°087	ins. 30°036	55°4	3°1	62°5	47°0	in. 44°0	1	
2	30°059	30°097	30°010	58°6	4°1	68°4	52°5	—	2	30°132	30°242	30°024	54°6	5°1	61°1	45°6	°015	2	
3	29°896	30°070	29°764	62°5	5°2	72°6	48°7	—	3	30°245	30°258	30°227	54°3	3°9	61°1	44°1	—	3	
4	29°834	29°856	29°811	54°3	2°8	63°1	51°0	°175	4	30°187	30°242	30°133	59°1	4°1	65°3	50°7	—	4	
5	29°891	29°978	29°839	49°9	4°4	54°1	41°9	°015	5	30°044	30°126	29°968	61°2	4°3	70°2	53°3	—	5	
6	29°964	29°988	29°929	49°6	5°1	58°1	38°9	—	6	29°896	29°957	29°726	60°4	3°7	67°1	56°1	°320	6	
7	29°895	29°924	29°855	52°6	1°4	57°5	48°4	°105	7	29°775	29°886	29°608	60°4	5°7	67°3	54°8	°215	7	
8	29°819	29°904	29°668	59°8	3°3	70°4	52°2	—	8	29°716	29°755	29°665	64°7	6°9	70°4	57°7	—	8	
9	29°551	29°645	29°485	59°4	3°5	72°5	52°7	°080	9	29°804	29°844	29°751	57°0	5°5	62°3	50°9	°025	9	
10	29°398	29°476	29°321	57°3	1°9	63°0	52°4	°685	10	29°980	30°062	29°844	50°5	3°8	53°6	47°7	°020	10	
11	29°547	29°611	29°475	59°3	3°8	67°0	52°3	°145	11	29°944	30°012	29°912	50°4	3°6	55°8	45°7	°015	11	
12	29°592	29°641	29°538	60°6	3°0	68°4	53°6	°035	12	29°846	29°896	29°822	48°5	2°0	54°3	43°6	°015	12	
13	29°473	29°529	29°421	60°5	2°9	67°2	57°6	°005	13	29°845	29°862	29°826	49°3	4°3	55°7	45°1	°035	13	
14	29°629	29°826	29°411	62°9	7°5	70°6	56°3	—	14	29°834	29°879	29°799	49°9	3°3	55°0	44°4	°020	14	
15	29°924	30°041	29°834	57°8	4°0	66°0	51°3	°530	15	29°800	29°866	29°713	52°0	3°1	59°9	47°2	°015	15	
16	30°149	30°218	30°048	54°4	4°3	59°6	49°4	°025	16	29°690	29°709	29°665	55°0	3°2	60°7	51°2	°015	16	
17	30°212	30°232	30°161	50°5	4°6	54°5	45°4	°005	17	29°741	29°767	29°709	52°1	1°8	57°7	45°7	°210	17	
18	30°098	30°148	30°074	54°2	5°4	63°4	44°0	—	18	29°796	29°849	29°758	51°9	2°3	56°6	47°8	°040	18	
19	30°126	30°154	30°091	62°2	5°3	70°6	55°0	—	19	29°879	29°909	29°850	52°0	2°0	55°4	47°4	°160	19	
20	30°166	30°188	30°137	60°3	5°9	68°0	54°3	—	20	29°928	29°961	29°904	50°4	3°7	54°5	45°9	°010	20	
21	30°064	30°174	29°918	59°2	4°9	64°3	48°4	—	21	29°971	29°992	29°957	49°8	4°5	54°9	46°2	—	21	
22	29°802	29°903	29°742	62°5	6°4	71°2	53°1	°030	22	29°829	29°940	29°740	54°6	2°7	59°5	48°6	°030	22	
23	29°817	29°852	29°679	60°5	7°0	68°2	50°9	°160	23	29°839	29°943	29°740	57°7	3°4	68°4	52°0	°030	23	
24	29°550	29°632	29°509	59°2	5°9	67°8	51°0	°060	24	29°897	29°941	29°818	54°5	0°9	56°6	52°2	°005	24	
25	29°628	29°653	29°610	55°5	4°6	63°2	46°5	°020	25	29°761	29°803	29°735	57°4	2°6	63°5	52°7	—	25	
26	29°459	29°633	29°134	55°5	2°5	60°2	47°6	°240	26	29°606	29°724	29°526	57°3	1°5	62°4	52°9	°260	26	
27	29°226	29°506	29°083	61°2	4°5	69°0	55°2	°035	27	29°592	29°631	29°507	60°0	3°2	66°1	55°1	°170	27	
28	29°654	29°709	29°537	57°8	3°4	61°4	52°0	°025	28	29°589	29°628	29°512	57°5	1°9	65°6	51°4			

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., ABERDEEN—cont.

SEPTEMBER 1887.										OCTOBER 1887.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			
				Dry.	Difference. (Dry—Wet.)								Dry.	Difference. (Dry—Wet.)					
1	ins. 29°306	ins. 29°348	ins. 29°239	55°6	2°9	63°7	50°3	in. .100		ins. 30°120	ins. 30°181	ins. 30°062	50°1	3°5	54°8	46°9	in. —	1	
2	29°026	29°264	28°922	55°5	1°6	59°8	52°1	.080		30°215	30°259	30°165	51°9	4°1	54°9	47°8	—	2	
3	29°357	29°527	29°102	57°3	5°1	64°4	52°0	.165		30°253	30°266	30°229	53°5	5°2	58°3	50°7	—	3	
4	29°424	29°510	29°339	54°2	1°1	56°8	51°2	.040		30°254	30°266	30°231	53°6	4°7	57°7	51°1	—	4	
5	29°237	29°329	29°155	54°1	1°9	57°8	53°0	—		30°168	30°231	30°076	52°4	4°4	57°3	47°7	—	5	
6	29°279	29°460	29°160	51°7	2°3	55°2	47°5	.060		29°953	30°064	29°827	53°6	5°8	60°1	48°0	—	6	
7	29°791	30°041	29°483	47°7	4°5	52°6	42°0	—		29°838	29°862	29°811	44°6	1°7	55°6	36°8	.300	7	
8	29°073	30°059	29°771	52°6	5°1	62°2	41°2	.045		29°877	29°901	29°852	40°7	2°1	48°0	36°0	.065	8	
9	29°622	29°754	29°544	54°8	3°1	60°1	45°3	.170		29°770	29°861	29°654	39°7	2°1	47°1	34°6	.035	9	
10	29°552	29°599	29°513	52°0	5°4	60°0	43°7	—		29°624	29°656	29°573	41°5	3°0	46°9	34°6	.590	10	
11	29°559	29°603	29°516	50°0	4°2	55°0	45°5	—		29°532	29°567	29°504	37°1	2°1	42°2	33°6	.350	11	
12	29°548	29°640	29°507	45°5	2°8	50°0	41°6	.110		29°487	29°633	29°416	39°4	1°8	45°0	33°0	.395	12	
13	29°721	29°750	29°650	48°2	2°4	53°3	41°8	.045		29°799	29°860	29°657	42°5	3°0	45°6	40°3	.085	13	
14	29°729	29°742	29°710	50°5	1°8	54°3	45°2	.705		29°795	29°971	29°662	39°6	2°7	42°3	35°8	.215	14	
15	29°699	29°739	29°671	48°4	2°1	56°0	41°0	.010		30°132	30°223	29°982	39°5	1°7	44°2	35°9	.085	15	
16	29°822	29°963	29°738	48°7	1°9	53°1	42°6	.050		30°260	30°390	30°204	45°0	2°8	54°0	39°4	—	16	
17	30°143	30°309	29°974	51°5	2°6	55°7	47°6	.015		30°375	30°420	30°327	45°0	3°2	53°4	33°5	.005	17	
18	30°380	30°422	30°310	51°7	3°9	55°7	49°0	—		30°249	30°315	30°193	49°8	4°2	55°7	43°7	—	18	
19	30°304	30°387	30°250	54°6	5°1	58°1	51°1	—		29°994	30°172	29°872	51°0	4°2	55°7	46°5	—	19	
20	30°303	30°330	30°248	52°6	3°1	55°2	51°1	—		30°127	30°295	29°972	44°6	3°9	50°0	40°0	.080	20	
21	30°288	30°312	30°254	51°1	2°3	54°1	48°1	—		30°387	30°420	30°302	39°9	3°7	44°6	35°3	—	21	
22	30°256	30°304	30°224	53°4	3°8	60°7	45°6	—		30°170	30°356	29°962	43°1	2°9	50°1	33°0	—	22	
23	30°404	30°491	30°306	50°1	2°6	54°7	39°0	—		29°841	29°934	29°789	42°9	2°0	49°4	34°4	—	23	
24	30°397	30°485	30°238	44°6	2°2	51°5	33°7	—		30°102	30°379	29°832	34°5	2°3	37°6	31°5	.445	24	
25	29°963	30°210	29°601	52°3	2°4	56°3	47°6	—		30°385	30°459	30°242	36°4	3°0	41°7	33°0	—	25	
26	29°385	29°573	29°240	52°6	3°9	58°1	44°9	.130		29°907	30°202	29°646	42°0	2°7	47°7	33°6	.130	26	
27	29°134	29°220	29°103	45°6	3°4	52°2	37°2	—		29°475	29°613	29°325	51°4	2°0	54°0	47°6	—	27	
28	29°221	29°305	29°135	43°4	1°9	52°2	30°4	.065		29°267	29°315	29°252	47°1	3°7	52°0	41°0	—	28	
29	29°614	29°870	29°325	52°8	2°1	55°6	47°4	.285		29°167	29°243	29°121	42°6	2°7	48°7	38°0	.045	29	
30	29°978	30°059	29°882	50°5	1°9	54°0	47°7	.020		29°035	29°148	28°968	41°6	2°3	46°6	38°8	—	30	
										29°161	29°316	29°001	38°4	2°1	45°4	34°0	.005	31	
Maximum fall in one hour } 8 a.m. 2nd and 7 a.m. 14th }										Maximum fall in one hour } 5 a.m. 10th }									
0°270										0°215									
NOVEMBER.										DECEMBER.									
1	ins. 28°976	ins. 29°226	ins. 28°805	47°0	3°4	49°6	35°1	in. .015		ins. 29°706	ins. 29°829	ins. 29°551	49°1	4°2	53°4	40°3	in. —	1	
2	28°940	29°004	28°773	47°4	2°8	49°0	45°7	.165		29°855	29°942	29°690	49°2	3°5	51°4	46°8	—	2	
3	28°541	28°742	28°435	45°9	2°7	48°0	41°6	.560		29°514	29°656	29°439	47°7	2°8	54°0	40°6	.230	3	
4	28°813	29°019	28°585	38°8	1°4	44°6	32°9	.005		29°622	29°673	29°559	37°4	3°0	41°1	33°0	.005	4	
5	29°123	29°244	29°025	43°7	2°1	48°0	39°3	.010		29°505	29°591	29°365	39°0	2°1	41°8	33°9	—	5	
6	29°467	29°736	29°248	45°7	1°8	48°8	39°7	.230		28°980	29°335	28°810	40°4	2°2	44°8	35°0	.395	6	
7	29°884	30°019	29°752	46°7	2°3	48°0	44°1	.430		29°138	29°396	28°990	34°1	3°2	37°1	31°7	—	7	
8	30°157	30°231	30°027	46°8	2°4	47°7	45°1	.115		29°178	29°414	28°619	34°0	2°2	39°7	28°9	.400	8	
9	30°176	30°281	30°050	44°4	3°1	47°0	41°7	—		29°053	29°442	28°611	34°3	2°1	37°5	29°5	.050	9	
10	29°977	30°030	29°936	43°3	3°0	45°8	40°5	—		29°647	29°771	29°452	30°7	2°4	33°1	28°8	—	10	
11	30°083	30°128	30°025	43°7	3°7	46°5	41°0	—		29°808	29°870	29°765	30°2	2°3	33°0	27°0	—	11	
12	30°069	30°122	30°022	39°6	2°6	42°6	36°8	.010		29°785	29°890	29°533	34°6	2°4	40°1	30°7	—	12	
13	29°950	30°012	29°871	37°2	1°3	40°5	34°9	.090		29°074	29°171	28°840	41°6	1°1	45°6	36°9	—	13	
14	29°896	30°078	29°809	34°9	2°0	38°2	31°9	.070		29°075	29°097	29°053	38°4	2°0	43°1	32°7	.330	14	
15	30°148	30°198	30°080	51°7	2°1	36°0	28°9	—		29°136	29°213	29°051	39°3	1°4	43°2	36°0	.295	15	
16	29°912	30°057	29°852	39°4	2°1	43°6	31°6	.110		28°807	28°995	28°704	41°3	1°9	43°9	37°9	.120	16	
17	29°665	29°824	29°474	41°6	1°7	43°8	39°9	.070		29°068	29°297	28°814	39°3	3°7	44°0	34°4	.005	17	
18	29°219	29°439	29°100	40°5	1°8	42°0	38°0	.005		29°272	29°328	29°235	33°8	2°0	36°2	30°6	—	18	
19	29°231	29°426	29°090	38°7	1°3	42°4	34°0	.030		29°385	29°464	29°318	35°2	1°2	38°3	30°9	.390	19	
20	29°474	29°500	29°426	39°9	1°3	43°1	37°0	.030		29°552	29°632	29°473	35°7	1°4	37°8	33°4	—	20	
21	29°597	29°759	29°500	39°0	1°4	46°0	32°0	.040		29°715	29°818	29°633	31°3	1°3	33°7	26°0	.620	21	
22	29°993	30°124	29°772	41°4	3°1	44°5	36°9	.340		29°757	29°834	29°661	31°5	1°6	38°9	22°7	—	22	
23	29°996	30°113	29°778	35°3	2°3	38°0	33°1	—		29°816	29°895	29°693	36°0	2°0	40°8	32°7	—	23	
24	29°456	29°748	29°286	38°6	2°3	41°4	34°1	.005		29°858	29°903	29°790	35°5	1°6	37°0	34°0	.040	24	
25	29°270	29°366	29°209	39°0	3°5	42°9	35°6	.070		29°806	29°849	29°755	37°8	0°9	39°7	35°6	.080	25	
26	28°991	29°136	28°926	48°7	3°9	54°2	39°4	—		29°980	30°103	29°855	36°5	1°5	38°2	33°0	.173	26	
27	29°172	29°478	29°035	40°2	2°4	45°7	35°0	.205		30°050	30°134	29°943	33°7	1°9	39°0	30°2	.010	27	
28	29°611	29°647	29°502	35°3	1°8	39°0	31°4	.020		29°975	30°067	29°905	38°0	1°0	40°6	34°7	.050	28	
29	29°549	29°615	29°509	34°5	1°1	38°1	31°9	—		30°134	30°184	30°071	35°9						

FALMOUTH OBSERVATORY.

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HOURLY and DAILY MEANS of PRESSURE for FIVE-DAY PERIODS.

LONG. 5° 4' W.

Barometer Cistern 183 feet above Mean Sea Level.

The readings are corrected for temperature, but are not reduced to Mean Sea-level.

[illegible]

TABLE I.—HOURLY and DAILY MEANS of PRESSURE for FIVE-DAY PERIODS—continued.

[illegible]

TABLE II.

HOURLY AND DAILY MEANS OF TEMPERATURE FOR FIVE-DAY PERIODS.

FALMOUTH OBSERVATORY - - - - - LAT. 50° 9' N. LONG. 5° 4' W.
Dry-bulb Thermometer, 4 feet above Ground.

Five-day Periods.	Midt.		A.M.												Noon.	P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.					
1887. 1-5 Jan.	38.2	38.1	39.1	37.1	37.4	37.3	37.1	38.2	38.2	38.4	39.6	40.2	41.0	40.9	41.6	41.1	40.4	40.3	38.9	38.9	38.6	38.5	38.3	38.3	38.3	38.4	38.9	1887. 1-5 Jan.		
" 6-10	37.8	38.4	38.3	38.3	38.0	37.2	38.2	37.7	37.6	38.0	38.7	40.4	40.1	41.3	40.8	40.7	39.4	39.4	39.5	39.7	39.7	39.3	39.2	39.2	39.2	39.1	" 6-10			
" 11-15	39.9	40.0	40.1	40.1	39.9	39.8	39.7	40.0	40.3	39.8	40.3	41.5	42.0	42.4	43.0	43.0	41.5	40.4	39.3	38.7	38.6	38.8	38.2	37.8	37.1	40.1	" 11-15			
" 16-20	42.4	42.2	42.1	42.1	42.1	42.2	41.9	42.2	42.4	43.0	43.7	43.6	44.6	45.0	45.4	45.4	45.4	45.4	45.4	45.4	45.0	44.7	43.8	43.5	43.7	43.7	" 16-20			
" 21-25	42.5	42.5	42.5	42.5	42.1	42.1	42.4	42.7	42.7	43.1	43.7	44.7	45.2	45.6	45.6	45.6	45.6	45.6	44.7	44.3	44.1	43.9	43.9	43.9	43.8	43.7	" 21-25			
" 26-30	46.8	46.8	46.6	46.4	46.5	46.6	46.4	46.7	46.5	47.0	47.6	48.4	48.9	49.0	49.3	49.3	49.2	48.8	48.1	47.4	47.2	47.0	47.0	47.1	47.0	47.4	" 26-30			
Feb. 31-4	46.9	47.2	47.2	47.6	47.9	48.5	47.4	47.5	46.7	46.5	46.5	47.2	48.2	48.9	48.8	48.7	48.3	47.8	47.2	46.9	46.6	46.5	46.4	46.6	46.8	47.4	Feb. 31-4			
" 5-9	43.7	43.4	43.0	42.9	42.6	42.5	42.9	43.1	42.9	43.3	44.3	44.9	45.0	45.0	45.0	44.6	44.0	43.0	42.3	41.8	41.6	41.6	41.2	41.1	40.8	43.1	" 5-9			
" 10-14	34.2	33.8	33.2	33.3	33.2	32.8	32.7	32.5	32.5	32.9	32.9	33.7	34.5	35.4	36.0	36.7	37.1	36.8	36.1	35.7	35.7	35.6	35.7	35.7	35.0	34.6	" 10-14			
" 15-19	38.2	38.7	38.6	38.4	38.3	37.8	37.3	37.3	37.0	37.5	38.9	39.7	40.4	40.8	41.3	41.5	40.9	40.6	39.5	38.6	38.4	38.4	38.5	38.6	38.8	39.0	" 15-19			
" 20-24	43.3	43.6	43.3	43.4	42.7	43.0	43.5	43.3	43.4	43.2	44.4	45.2	45.7	47.9	48.5	48.0	47.7	47.2	46.8	46.1	46.0	46.1	45.7	45.4	45.1	45.5	" 20-24			
" 25-1	44.3	43.9	43.4	42.9	42.7	42.1	41.7	42.0	42.7	44.4	45.8	47.1	47.5	47.6	47.5	47.5	46.9	45.8	44.6	43.1	42.8	42.2	42.3	42.5	44.3	" 25-1				
March 2-6	40.4	40.3	40.6	40.5	39.6	39.6	39.0	39.2	39.3	41.1	42.2	43.5	44.0	44.7	44.9	45.1	44.7	44.6	43.9	43.2	42.4	42.0	41.5	41.0	41.2	41.9	March 2-6			
" 7-11	40.1	39.7	39.2	39.3	39.0	39.1	39.1	39.4	39.4	40.6	41.3	42.4	43.1	43.6	43.9	43.7	43.8	43.1	42.3	41.3	41.0	40.8	40.5	40.0	40.3	41.0	" 7-11			
" 12-16	36.0	35.7	35.3	35.0	34.3	33.8	32.3	32.1	32.0	33.0	36.5	37.6	37.8	38.3	38.5	38.5	38.0	37.6	36.6	35.5	34.5	34.0	33.5	33.4	33.4	35.4	" 12-16			
" 17-21	39.5	31.4	31.4	30.7	30.6	31.4	30.9	30.6	33.6	33.9	35.5	37.1	38.0	38.4	38.8	38.9	38.6	38.0	36.9	36.3	35.5	35.0	35.1	35.4	35.5	37.7	" 17-21			
" 22-26	45.1	45.2	44.8	45.3	45.2	45.0	42.5	43.2	44.5	46.1	46.9	46.9	47.3	46.5	47.8	48.2	47.1	46.7	45.7	44.6	44.2	44.2	44.3	44.5	44.7	44.8	" 22-26			
" 27-31	42.8	42.8	42.7	42.3	42.2	42.6	42.1	43.0	44.9	47.5	48.8	50.1	50.5	50.5	50.1	50.4	49.6	48.2	47.1	45.3	44.6	44.6	44.0	43.6	42.8	45.6	" 27-31			
April 1-5	40.8	40.5	40.5	40.0	39.1	39.0	39.1	40.1	42.8	44.4	45.6	47.3	47.3	47.8	47.8	46.9	46.5	46.1	44.7	42.8	42.0	41.5	41.0	40.3	39.8	42.9	April 1-5			
" 6-10	40.6	40.4	39.7	39.2	39.2	39.1	39.0	39.5	40.1	41.1	42.1	43.1	44.1	44.9	46.2	46.7	47.5	47.5	47.3	46.5	44.2	43.5	43.4	42.4	41.9	42.8	" 6-10			
" 11-15	42.9	42.5	42.0	41.4	40.8	40.3	40.1	41.5	43.8	45.5	45.9	46.9	47.7	47.8	47.8	47.9	48.1	47.8	47.1	46.4	45.3	44.6	43.2	42.0	41.8	44.1	" 11-15			
" 16-20	40.1	40.3	40.7	40.9	41.1	41.0	41.4	43.6	45.8	47.5	48.6	49.8	49.7	50.8	50.4	50.3	49.6	48.8	47.2	46.4	45.4	44.9	43.4	42.0	41.8	45.0	" 16-20			
" 21-25	44.6	44.9	44.1	43.1	43.2	43.2	43.5	45.7	46.9	48.2	49.2	50.1	50.1	49.9	49.9	50.3	48.9	47.9	47.3	45.7	44.4	43.9	43.5	43.0	43.0	46.2	" 21-25			
" 26-30	38.8	38.9	38.3	38.6	38.5	38.8	39.5	42.7	45.6	46.3	44.9	47.0	48.0	48.1	48.0	47.6	47.9	46.5	45.8	44.7	42.2	40.9	40.3	39.0	39.6	43.1	" 26-30			
May 1-5	43.9	43.7	42.9	42.0	41.5	41.3	41.2	44.5	46.1	47.2	47.4	48.0	48.3	48.9	48.9	48.6	48.4	48.7	48.4	47.6	47.2	46.3	45.3	44.7	44.7	45.7	May 1-5			
" 6-10	46.1	45.6	45.7	45.1	45.1	45.1	46.3	49.2	51.5	53.6	53.6	55.0	55.6	56.2	56.2	56.3	56.3	54.8	53.9	51.5	50.0	48.4	47.5	46.8	45.8	50.1	" 6-10			
" 11-15	47.1	47.0	46.6	46.5	45.6	45.8	46.8	49.1	50.9	51.7	52.8	54.1	54.3	54.9	54.9	54.7	54.6	53.8	53.3	52.2	51.3	49.4	48.8	48.9	48.4	50.3	" 11-15			
" 16-20	50.4	49.7	48.9	49.2	48.1	48.2	49.0	49.8	50.3	52.2	52.6	53.1	53.5	54.5	54.4	54.5	54.4	53.0	52.0	51.1	50.1	49.8	49.2	48.7	48.7	51.0	" 16-20			
" 21-25	47.6	47.7	47.3	47.3	46.6	47.3	47.7	49.5	51.0	52.3	53.1	54.8	55.7	55.8	55.8	55.4	55.4	53.0	52.7	51.3	50.2	50.2	50.1	50.0	49.7	50.6	" 21-25			
" 26-30	51.0	50.7	49.7	49.5	48.9	48.7	49.3	50.9	51.8	52.1	52.9	53.4	54.2	55.2	55.2	55.0	54.4	53.4	52.7	51.8	51.8	51.2	50.8	50.1	49.9	51.9	" 26-30			
June 31-4	51.0	50.7	50.6	50.6	50.1	50.2	51.5	54.0	54.9	56.6	58.1	58.9	59.1	59.8	59.8	59.9	59.9	58.9	58.9	58.2	56.2	54.1	53.2	52.4	52.0	54.9	June 31-4			
" 5-9	53.4	53.4	53.8	53.0	52.8	52.8	54.2	55.8	56.2	57.6	59.3	59.5	59.2	61.2	61.3	61.4	60.7	60.7	59.8	58.7	57.5	56.0	54.7	53.6	53.2	56.5	" 5-9			
" 10-14	53.2	53.1	51.8	52.2	51.1	51.8	55.9	60.5	63.6	65.4	65.7	65.8	65.7	66.8	66.6	66.5	66.8	66.0	65.0	63.2	61.6	60.9	59.5	58.5	57.5	60.2	" 10-14			
" 15-19	60.9	60.5	60.0	59.6	59.7	59.3	61.9	65.7	69.6	69.3	69.0	69.3	69.2	69.3	68.9	68.9	69.7	69.9	69.9	69.7	69.2	67.1	64.7	63.9	62.9	65.6	" 15-19			
" 20-24	57.4	56.9	56.3	55.7	56.2	56.5	57.8	60.2	61.1	62.5	61.8	62.0	61.6	61.8	61.9	62.4	62.4	62.4	62.4	61.9	61.3	59.3	57.6	56.4	56.0	59.4	" 20-24			
" 25-29	56.0	55.9	55.6	55.4	55.4	55.3	56.6	59.5	62.7	65.4	65.3	65.8	66.0	66.2	66.2	65.7	65.3	65.2	64.1	62.9	60.9	58.3	57.0	56.3	56.1	60.8	" 25-29			

TABLE II.—HOURLY and DAILY MEANS OF TEMPERATURE for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.	A.M.												Noon.		P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1887. July 30-4	58.9	58.1	57.3	56.9	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	

TABLE III.

Hourly and Daily Mean Difference between the Dry and Wet-Bulb Thermometers for Five-Day Periods.

FALMOUTH OBSERVATORY LAT. 50° 9' N. LONG. 6° 4' W.

Five-day Periods.	Midt.	A.M.												Noon.	P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.	
		0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.		12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.				24.
1887. Jan. 1-5	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1887. Jan. 1-5	
" 6-10	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 6-10	
" 11-15	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 11-15	
" 16-20	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 16-20	
" 21-25	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 21-25	
" 26-30	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 26-30	
Feb. 31-4	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	Feb. 31-4	
" 5-9	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 5-9	
" 10-14	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 10-14	
" 15-19	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 15-19	
" 20-24	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 20-24	
" 25-1	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 25-1	
March 2-6	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	March 2-6	
" 7-11	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 7-11	
" 12-16	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 12-16	
" 17-21	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 17-21	
" 22-26	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 22-26	
" 27-31	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 27-31	
April 1-5	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	April 1-5	
" 6-10	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 6-10	
" 11-15	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 11-15	
" 16-20	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 16-20	
" 21-25	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 21-25	
" 26-30	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 26-30	
May 1-5	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	May 1-5	
" 6-10	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 6-10	
" 11-15	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 11-15	
" 16-20	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 16-20	
" 21-25	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 21-25	
" 26-30	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 26-30	
June 31-4	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	June 31-4	
" 5-9	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 5-9	
" 10-14	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 10-14	
" 15-19	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 15-19	
" 20-24	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 20-24	
" 25-29	1'6	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	1'5	" 25-29	

TABLE III.—HOURLY and DAILY MEAN DIFFERENCE between the DRY and WET-BULB THERMOMETERS for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.	A.M.												Noon.		P.M.								Midt.	Daily Means (Five Days).	Five-day Periods.		
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.				23.	24.
1887. July 30-4	1.5	1.2	0.8	0.8	0.6	1.2	2.8	4.5	4.8	6.5	7.6	7.6	6.5	7.1	8.0	9.0	7.9	7.9	7.4	6.4	4.8	3.1	1.9	0.	1.3	0.3	1887. July 30-4	
" 5-9	1.6	2.4	1.9	1.8	1.7	2.0	2.8	4.5	5.7	6.8	7.7	7.2	7.6	7.9	7.2	6.5	6.7	6.0	5.0	3.2	2.5	1.7	1.3	1.4	1.5	4.3	" 5-9	
" 10-14	1.4	1.2	1.2	1.3	1.1	1.3	1.2	1.6	2.0	3.0	3.7	3.0	3.7	3.8	4.5	5.4	4.8	4.3	3.7	3.5	2.6	1.9	1.7	1.4	1.4	2.6	" 10-14	
" 15-19	2.6	2.3	2.2	2.2	1.9	2.4	3.5	5.3	7.3	8.1	8.3	8.3	7.3	8.2	7.8	6.6	7.1	7.5	6.7	6.1	5.5	4.1	3.8	3.3	2.8	5.0	" 15-19	
" 20-24	2.0	1.7	1.7	1.5	1.4	1.2	1.9	3.3	4.7	6.9	8.1	7.7	6.9	8.4	7.5	7.4	7.7	6.9	5.7	4.3	2.7	2.0	1.9	1.8	1.7	4.3	" 20-24	
" 25-29	1.6	1.5	1.4	1.0	0.8	1.1	1.7	2.7	3.6	5.6	4.4	5.4	5.8	5.9	6.4	6.4	6.2	5.3	5.0	3.7	3.0	2.2	2.0	2.2	1.9	3.4	" 25-29	
Aug. 30-3	1.8	1.7	2.0	2.3	1.9	2.5	4.0	5.9	6.8	7.1	7.6	7.6	7.0	8.0	7.7	8.3	7.4	7.6	7.1	6.5	4.5	2.8	2.2	2.2	1.9	4.8	Aug. 30-3	
" 4-8	2.9	2.5	2.1	1.8	1.4	1.2	1.6	2.7	3.3	4.8	5.7	6.0	6.9	6.8	6.7	6.8	6.9	7.0	6.3	6.2	4.1	3.6	3.2	3.2	3.2	4.3	" 4-8	
" 9-13	3.1	3.0	2.8	2.9	2.8	2.1	2.6	3.8	4.9	6.1	7.4	7.9	8.9	8.6	8.6	8.4	7.5	6.9	6.0	5.5	4.3	3.7	3.6	3.1	2.9	5.1	" 9-13	
" 14-18	2.7	3.0	2.7	2.3	2.7	2.3	2.5	3.3	4.6	5.8	6.7	7.6	7.8	7.5	7.6	8.1	8.0	7.3	6.9	5.7	4.5	3.6	3.4	2.7	2.8	4.8	" 14-18	
" 19-23	1.7	1.6	1.4	1.3	1.3	1.1	1.4	2.4	3.5	4.5	5.0	5.5	6.4	7.8	7.5	6.9	6.3	5.6	5.1	3.8	2.1	1.8	1.2	1.3	1.6	3.5	" 19-23	
" 24-28	0.9	0.8	0.7	0.6	0.7	0.7	1.1	1.7	2.7	3.7	3.1	3.0	3.3	4.4	4.2	3.8	3.8	3.1	2.7	1.8	1.1	0.8	1.0	0.6	0.7	1.9	" 24-28	
Sept. 29-2	1.5	2.0	1.9	1.8	1.5	1.8	2.5	3.5	2.5	3.0	2.7	3.2	3.9	4.3	4.0	3.6	3.5	2.8	2.9	2.5	2.1	1.8	1.8	1.7	1.9	2.5	Sept. 29-2	
" 3-7	2.1	2.0	1.4	1.3	1.3	1.2	1.0	1.6	2.6	3.0	3.6	3.0	3.9	3.7	3.4	3.4	3.9	3.4	3.2	2.5	1.9	1.8	2.1	1.8	2.1	2.4	" 3-7	
" 8-12	1.3	1.5	1.5	1.6	1.4	1.2	1.5	1.8	3.0	4.0	4.4	4.9	5.6	5.0	4.9	4.3	5.1	4.8	3.9	2.8	2.3	1.9	2.0	1.8	1.8	3.0	" 8-12	
" 13-17	2.4	2.3	2.1	1.6	1.7	1.7	1.9	2.0	2.5	3.5	3.1	3.6	3.8	3.6	4.1	3.5	3.7	3.2	3.0	2.6	2.2	2.5	2.5	2.2	2.2	2.8	" 13-17	
" 18-22	2.3	2.4	2.5	2.3	2.0	2.2	2.1	2.4	3.3	3.5	4.1	4.6	4.9	4.5	4.9	4.4	4.3	4.1	3.9	3.2	2.6	2.7	2.5	2.2	2.1	3.2	" 18-22	
" 23-27	1.7	1.9	2.0	2.0	1.7	1.7	1.6	2.0	2.4	3.7	4.1	4.7	4.5	4.0	3.8	3.6	2.9	3.5	2.8	2.3	2.1	2.2	1.8	1.7	1.9	2.7	" 23-27	
Oct. 28-2	2.3	2.4	2.1	1.7	1.6	1.6	1.5	1.8	2.4	3.3	4.1	4.9	5.8	5.5	5.7	5.4	5.1	4.8	3.6	2.9	2.2	1.9	2.3	2.3	2.1	3.2	Oct. 28-2	
" 3-7	3.7	3.2	3.3	3.4	3.3	3.2	3.1	2.9	3.2	4.0	4.3	4.4	5.0	5.6	5.9	5.5	5.1	4.6	4.0	3.5	3.9	3.8	4.0	3.8	3.8	4.0	" 3-7	
" 8-12	2.8	2.9	1.8	2.6	2.6	2.3	2.6	2.3	2.3	2.8	2.7	3.0	3.4	3.8	4.5	4.4	4.1	3.1	3.0	2.4	2.2	2.4	3.3	3.1	3.0	3.0	" 8-12	
" 13-17	2.3	2.6	2.0	2.3	1.8	2.1	2.0	2.3	2.6	3.4	4.1	4.3	5.2	4.3	4.3	3.8	4.0	3.6	3.3	2.7	3.1	2.7	2.3	2.3	2.3	3.0	" 13-17	
" 18-22	1.6	1.8	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.5	3.0	3.5	3.7	3.7	4.1	3.8	3.6	3.1	2.5	2.4	2.4	2.3	2.1	1.9	1.7	2.5	" 18-22	
" 23-27	2.8	2.7	2.6	2.9	2.6	3.0	3.1	2.9	2.8	3.3	4.1	4.4	4.6	4.7	3.8	3.7	3.4	3.0	2.8	2.4	2.5	2.6	2.4	2.3	2.4	3.1	" 23-27	
Nov. 28-1	1.7	1.8	2.2	1.8	2.1	2.3	2.2	2.5	2.6	2.9	3.3	3.2	4.3	4.6	5.2	4.3	3.9	2.7	2.6	2.2	2.2	2.4	2.3	2.2	2.3	2.7	Nov. 28-1	
" 2-6	2.7	2.3	2.4	2.5	2.7	2.4	2.3	2.4	2.7	2.9	3.4	3.4	3.5	3.8	3.4	2.9	2.4	2.4	2.3	2.2	2.1	2.2	1.9	2.2	2.4	2.6	" 2-6	
" 7-11	1.4	2.5	1.6	1.6	1.4	1.2	1.5	1.6	1.7	1.7	1.9	2.4	2.8	3.0	3.3	3.2	3.0	2.5	2.1	2.2	2.2	1.7	1.6	1.3	1.4	2.0	" 7-11	
" 12-16	2.0	2.1	2.4	2.4	2.5	2.7	2.7	2.0	1.8	2.5	2.9	3.3	3.7	3.9	3.7	3.7	3.4	3.0	2.6	2.5	2.5	2.5	2.6	2.2	2.3	2.7	" 12-16	
" 17-21	2.4	2.7	2.8	2.7	2.7	2.7	2.4	2.3	2.3	2.0	2.6	3.2	3.4	3.5	3.4	2.8	2.4	2.2	2.0	1.9	2.0	1.8	1.9	1.8	2.0	2.5	" 17-21	
" 22-26	1.8	1.8	2.1	2.1	1.6	1.7	2.1	1.8	1.8	2.5	3.1	2.5	2.6	2.9	3.5	3.0	2.4	2.4	2.3	2.3	2.4	1.9	2.0	1.9	2.1	2.3	" 22-26	
Dec. 27-1	2.2	1.9	2.0	1.7	1.6	1.7	1.8	2.0	1.9	2.1	2.5	3.0	3.9	3.6	4.0	3.8	3.4	2.6	2.5	2.7	2.7	2.1	2.1	2.0	2.2	2.5	Dec. 27-1	
" 2-6	2.1	2.2	2.2	1.9	2.1	2.0	1.7	1.8	1.7	1.6	2.0	2.6	2.9	3.2	2.3	2.3	1.9	1.5	1.5	1.4	1.5	1.9	1.5	1.5	1.4	2.0	" 2-6	
" 7-11	2.2	1.7	1.4	1.7	1.6	1.7	1.8	1.8	1.4	1.8	2.4	2.4	3.0	3.0	2.9	2.9	2.7	2.3	2.3	1.8	1.6	1.9	1.5	1.5	1.4	2.0	" 7-11	
" 12-16	1.4	1.7	1.7	1.5	1.6	1.5	2.1	1.7	2.0	2.0	2.0	1.9	2.0	2.2	2.3	2.1	2.2	1.9	1.8	1.9	1.5	1.6	1.4	1.9	1.6	1.9	" 12-16	
" 17-21	2.1	3.3	3.2	3.3	3.1	2.6	2.3	2.1	2.5	2.8	2.8	2.9	3.4	2.8	3.0	2.9	2.5	1.7	2.0	2.0	2.1	2.3	2.3	2.1	2.1	2.3	2.6	" 17-21
" 22-26	1.5	1.5	1.6	1.5	1.8	1.9	1.9	1.7	1.6	1.7	2.0	2.4	2.7	2.7	2.8	2.7	2.5	2.2	2.0	1.8	1.5	1.8	1.5	1.7	1.6	2.0	" 22-26	
" 27-31	2.7	2.4	2.8	2.5	2.4	2.4	2.2	2.3	2.4	2.6	3.0	3.5	3.1	3.1	3.0	2.9	2.6	2.7	2.5	2.7	2.6	2.7	2.9	2.8	2.7	2.7	" 27-31	

TABLE IV.—MEAN HOURLY and DAILY WIND
FALMOUTH OBSERVATORY - - - - -

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1887.																								
Jan. 1-5	-5°0	-6°4	+5°1	-10°8	+11°3	-7°3	+10°6	-8°6	+10°1	-8°1	+6°8	-9°7	+4°3	-8°5	+7°5	-6°9	+5°4	-4°7	+2°9	-7°4	-1°6	-9°2	-0°4	-11°5
" 6-10	+6°0	-11°1	+7°6	-10°6	+5°9	-4°4	+5°8	-10°2	+5°2	-12°1	+7°4	-12°6	+8°2	-13°4	+6°3	-11°7	+7°6	-10°3	0°0	-2°4	+3°5	-12°5	+1°7	-15°0
" 11-15	-2°9	+2°0	-3°0	+0°8	-3°1	+0°7	-2°6	+1°6	-3°6	+2°2	-3°6	+2°2	-3°3	+2°2	-2°1	+3°4	-0°9	+1°8	-3°3	+1°5	-3°2	+1°8	-3°9	+2°4
" 16-20	+5°8	-7°3	+5°3	-6°6	+5°8	-6°1	+4°6	-4°5	+3°5	-5°5	+2°0	-1°3	-0°1	-3°4	-2°7	-2°7	-4°4	-3°6	-5°8	-1°4	-5°1	-2°3	-5°6	-4°6
" 21-25	-9°0	+0°4	-8°8	+0°9	-10°0	+0°3	-9°3	+1°9	-8°6	+2°4	-8°0	+1°9	-10°0	+1°9	-9°1	+3°5	-10°6	+3°0	-10°5	+2°5	-11°7	+3°8	-8°8	+2°9
" 26-30	-10°6	+1°7	-11°2	+2°2	-10°4	+2°6	-10°6	+2°7	-11°2	+1°2	-11°1	+0°8	-9°6	+1°0	-10°0	-0°1	-10°0	+0°3	-10°4	-0°5	-10°0	+0°2	-11°9	+0°4
Feb. 31-4	-19°4	-12°1	-20°1	-13°3	-21°6	-12°0	-23°2	-13°7	-24°9	-11°4	-21°7	-13°2	-22°0	-13°6	-13°6	-15°0	-13°2	-11°5	-16°0	-11°6	-16°1	-10°4	-16°5	-13°1
" 5-9	-7°2	+9°9	-6°5	+9°1	-6°9	+8°7	-6°3	+9°5	-7°6	+9°5	-6°3	+12°0	-7°4	+13°3	-6°3	+14°2	-6°2	+13°6	-9°0	+13°1	-9°8	+10°2	-6°3	+10°2
" 10-14	+13°6	+9°4	+14°0	+8°4	+14°1	+8°3	+13°5	+8°8	+12°3	+7°1	+10°7	+8°9	+13°3	+8°2	+11°1	+8°4	+12°3	+8°3	+13°8	+6°9	+14°3	+6°6	+13°0	+7°4
" 15-19	+10°6	+0°2	+8°3	-1°2	+8°4	-1°1	+6°9	+0°6	+6°5	+0°4	+7°7	-0°2	+7°0	0°0	+6°5	-0°8	+6°9	-0°9	+8°8	-0°2	+8°7	+0°4	+10°3	-0°9
" 20-24	-5°3	-8°0	-6°7	-6°4	-7°0	-7°1	-8°0	-8°0	-8°1	-5°4	-6°7	-5°7	-7°4	-6°0	-9°0	-6°0	-11°6	-5°8	-13°2	-9°0	-13°8	-10°0	-14°2	-9°1
" 25-1	-10°7	+0°7	-9°8	+0°9	-10°4	+0°9	-10°3	+0°7	-8°9	+1°1	-7°4	+1°2	-6°5	+1°7	-6°5	+2°2	-4°3	+2°9	-5°0	+3°9	-6°0	+3°1	-3°8	+5°8
March 2-6	-0°9	+7°4	-1°0	+7°7	-0°2	+8°0	-0°3	+8°7	-0°7	+8°3	+0°4	+8°3	-0°8	+8°6	-1°1	+9°6	-1°2	+8°5	-0°9	+11°7	-1°5	+12°1	-1°4	+11°6
" 7-11	-0°7	+8°4	-0°8	+10°2	0°0	+10°2	+1°9	+7°3	+0°9	+9°3	-0°1	+9°1	0°0	+7°9	+0°5	+8°0	-0°4	+6°7	-1°4	+7°1	-0°7	+6°1	-2°3	+7°6
" 12-16	+5°1	-3°6	+3°8	-1°2	+3°3	-2°4	+4°9	-4°8	+7°4	-2°4	+7°0	-1°6	+10°6	-0°3	+11°9	+0°7	+12°0	+2°0	+14°2	+1°8	+13°8	+4°0	+15°3	+2°4
" 17-21	+5°9	+3°2	+6°3	+1°5	+7°6	+0°6	+7°9	+0°8	+6°7	+1°9	+5°4	+0°3	+5°8	+0°8	+5°8	+3°3	+5°1	+5°1	+2°7	+6°5	-1°7	+10°1	-2°8	+11°6
" 22-26	-10°7	-20°2	-10°7	-23°8	-4°9	-27°0	+1°7	-27°6	+2°6	-23°2	+2°2	-20°2	+1°3	-18°9	0°0	-17°8	-0°6	-22°0	-2°8	-26°7	-1°0	-25°7	-5°0	-24°0
" 27-31	+5°2	-6°3	+4°8	-7°6	+4°6	-6°6	+4°5	-6°4	+3°2	-5°4	+2°5	-7°3	+3°0	-7°4	+4°7	-7°2	+6°4	-8°6	+7°1	-8°9	+9°1	-7°1	+6°5	-6°5
April 1-5	+16°4	-3°2	+17°8	-3°8	+16°5	-3°5	+15°7	-3°4	+14°9	-3°5	+12°9	-3°6	+14°0	-4°5	+15°5	-5°5	+15°4	-5°3	+17°0	-3°3	+15°7	-7°4	+15°3	-8°0
" 6-10	+11°4	+8°9	+12°6	+8°5	+12°7	+9°6	+12°3	+11°0	+12°8	+11°1	+12°6	+11°7	+12°4	+10°6	+14°4	+10°8	+11°7	+12°2	+11°8	+12°6	+10°5	+11°4	+9°9	+13°1
" 11-15	+4°1	+6°3	+6°0	+4°2	+6°6	+4°2	+6°3	+5°2	+4°9	+5°2	+6°1	+6°1	+3°8	+6°9	+3°6	+7°3	+2°8	+7°2	-0°8	+10°4	-3°0	+10°4	-4°5	+11°3
" 16-20	+5°8	+1°7	+4°4	+1°4	+4°0	+0°8	+3°2	+0°9	+4°6	+0°1	+5°7	+1°0	+4°5	+1°7	+3°9	+0°7	+3°5	+2°3	+1°3	+2°3	+0°2	+1°7	+0°5	+1°9
" 21-25	-5°1	-10°0	-6°5	-10°6	-4°6	-10°6	-2°2	-11°1	-2°8	-10°4	-4°8	-11°4	-4°5	-11°7	-7°8	-15°3	-8°0	-15°4	-7°1	-16°0	-6°7	-17°1	-9°9	-17°7
" 26-30	+3°5	-7°4	+1°4	-7°1	-0°2	-6°7	-0°7	-4°8	-2°2	-5°5	-3°3	-4°7	-4°9	-6°3	-6°2	-7°2	-4°5	-4°5	-3°5	-3°8	-4°1	-2°9	-4°9	-4°1
May 1-5	+8°1	-1°4	+6°5	-1°7	+6°9	-1°3	+6°0	-2°0	+5°8	-1°5	+6°4	-1°2	+6°5	-0°7	+6°2	+2°2	+3°1	+2°3	+2°4	+3°6	+1°3	+3°3	-0°9	+3°5
" 6-10	+4°5	-2°7	+3°3	-3°2	+3°7	-2°2	+3°5	-2°0	0°0	-1°4	+0°6	-1°5	+1°5	-2°1	+1°1	-2°9	+2°5	-2°1	+2°7	-2°6	+3°1	-0°4	+1°8	-2°2
" 11-15	+14°0	-3°9	+16°9	-2°8	+17°4	-2°2	+16°3	-2°7	+16°0	-2°7	+13°7	-2°1	+13°0	-3°0	+14°4	-1°5	+17°3	-1°0	+19°6	-2°4	+20°2	-1°1	+21°2	-5°2
" 16-20	+0°3	-13°4	-0°1	-13°3	+2°1	-13°8	+11°2	-13°4	+9°9	-12°5	+8°5	-12°0	+9°8	-12°1	+12°7	-12°7	+11°4	-13°0	+9°0	-11°6	+5°9	-10°3	+3°3	-13°3
" 21-25	+10°9	-8°5	+10°7	-6°9	+12°0	-6°6	+10°8	-6°7	+8°7	-5°6	+10°4	-6°8	+9°5	-9°5	+9°8	-9°5	+13°8	-7°0	+15°7	-8°5	+14°7	-11°6	+15°4	-8°6
" 26-30	+3°9	+4°6	+2°7	+7°6	+2°5	+7°8	+3°2	+6°5	+3°2	+6°5	+4°4	+6°5	+4°9	+8°7	+6°3	+8°2	+5°9	+8°2	+6°3	+9°1	+5°8	+8°4	+3°8	+7°9
June 31-4	+0°2	-0°9	+0°3	-1°9	+0°9	-2°4	+2°6	-2°3	+1°8	-1°3	+0°5	-0°8	+2°0	-2°8	+2°1	-2°8	+0°6	-2°7	+0°5	-0°1	-0°5	-1°7	-0°6	-1°8
" 5-9	-9°0	-5°5	-9°2	-6°8	-8°0	-4°9	-7°3	-6°1	-7°8	-5°8	-9°0	-5°8	-8°7	-7°1	-8°8	-5°2	-7°2	-5°8	-9°8	-10°1	-8°7	-12°6	-7°9	-11°3
" 10-14	+4°0	-1°7	+5°0	-1°9	+5°3	-2°5	+4°0	-1°6	+2°6	-1°3	+1°2	-0°8	+1°4	0°0	+0°3	+0°4	-0°4	+0°8	-5°0	+1°6	-3°7	+1°5	-5°2	+0°7
" 15-19	+3°4	+3°1	+4°4	+4°1	+5°9	+2°6	+3°1	+4°1	+4°8	+5°2	+2°4	+2°9	+3°0	+5°5	+4°1	+9°0	+1°8	+8°9	-0°5	+10°1	-0°6	+11°6	-2°1	+11°8
" 20-24	+2°6	+5°8	+3°9	+3°7	+4°2	+4°6	+3°5	+7°5	+3°4	+7°3	+3°5	+9°5	+2°4	+11°3	+3°8	+13°4	-0°2	+14°2	-2°6	+16°6	-1°2	+16°0	-4°1	+16°2
" 25-29	+6°8	-2°8	+7°0	-2°1	+8°3	-1°9	+7°3	+0°9	+5°5	+2°2	+6°3	+2°6	+4°7	+2°1	+5°4	+3°0	+6°8	+4°0	+4°2	+4°3	+5°6	+2°6	+6°1	+0°2

COMPONENTS for FIVE-DAY PERIODS.

LAT. 50° 9' N. LONG. 5° 4' W.

P.M.																							Midt.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
- 5'7	- 8'8	- 5'1	-13'6	- 3'2	-11'6	- 7'5	-10'0	- 7'8	-11'4	+ 0'5	- 8'1	- 2'6	- 7'0	- 0'7	- 7'3	- 1'2	- 7'3	- 1'4	- 8'0	- 3'4	- 7'8	- 3'9	- 9'1	+ 0'6	- 8'7	
- 0'9	-12'7	- 3'3	-10'5	- 0'1	- 7'9	- 0'4	- 7'1	- 0'2	- 7'4	+ 1'5	- 9'1	+ 1'2	- 9'1	+ 3'4	- 5'1	- 0'1	- 4'6	+ 0'8	- 5'9	- 0'1	- 5'4	- 0'8	- 4'1	+ 2'8	- 9'0	
- 1'8	+ 2'7	- 1'6	+ 2'7	- 0'6	+ 1'7	+ 7'3	+ 1'0	+ 7'9	+ 1'5	+ 8'9	+ 1'7	+ 8'4	+ 3'7	+ 5'7	+ 4'0	+ 5'5	+ 2'9	+ 6'0	+ 4'4	+ 7'3	+ 2'9	+ 7'7	+ 1'9	+ 1'1	+ 2'2	
- 5'8	- 6'4	- 5'2	- 7'0	- 7'0	- 7'1	- 6'9	- 5'7	- 9'0	- 7'2	- 8'9	- 9'5	- 6'6	-10'9	- 4'0	-12'0	- 1'8	-12'4	+ 5'5	- 7'6	+ 5'0	- 9'8	+ 5'3	- 9'8	- 1'5	- 6'5	
- 8'1	+ 1'8	- 8'0	+ 0'4	- 9'2	+ 2'8	- 8'7	+ 2'4	- 9'5	+ 2'2	- 9'8	+ 3'5	-10'2	+ 2'3	-10'8	+ 3'4	-11'5	+ 1'6	-11'7	+ 2'1	-12'2	+ 4'9	-13'9	+ 2'9	- 9'9	+ 2'3	
-11'0	+ 0'6	- 8'8	+ 0'2	- 8'6	+ 0'3	- 8'7	- 0'4	- 8'0	+ 0'9	- 8'6	+ 1'3	- 7'4	+ 2'2	- 8'2	+ 0'8	- 6'6	+ 2'0	- 6'0	+ 0'9	- 8'3	+ 0'3	- 8'8	- 2'1	- 9'4	+ 0'8	
-16'6	-16'5	-15'7	-19'7	-15'2	-17'3	-13'8	-16'8	-15'0	-14'6	-14'0	-14'5	-15'4	-13'8	-16'0	-11'7	-16'0	-11'9	-18'2	- 9'4	-19'5	-11'2	-20'1	-11'8	-17'7	-13'3	
- 6'0	+10'8	- 3'7	+11'2	- 0'4	+12'0	- 1'0	+13'1	- 1'3	+13'5	- 1'0	+13'4	- 0'6	+14'2	- 1'1	+14'5	- 0'9	+14'5	- 0'2	+13'2	- 1'1	+13'0	- 0'2	+13'3	- 4'3	+12'1	
+11'2	+ 5'7	+13'9	+ 5'7	+14'3	+ 5'7	+13'1	+ 6'8	+14'4	+ 4'9	+14'3	+ 3'5	+15'7	+ 4'0	+15'7	+ 3'8	+16'0	+ 4'9	+15'1	+ 7'6	+13'6	+ 7'2	+13'8	+ 7'7	+13'6	+ 6'8	
+ 9'7	- 0'6	+ 9'7	- 0'9	+10'8	+ 0'1	+ 9'6	+ 1'5	+10'1	+ 0'2	+ 8'9	+ 0'6	+ 9'5	- 0'6	+ 8'8	- 0'6	+ 7'8	- 1'7	+ 8'1	- 3'1	+ 8'2	- 1'7	+ 8'3	- 0'4	+ 8'6	- 0'4	
-14'1	- 9'2	-15'2	- 8'5	-16'7	- 8'8	-16'7	- 8'9	-15'3	- 7'4	-16'7	- 9'1	-18'5	- 8'4	-15'9	-10'5	-14'7	-12'1	-13'6	-10'9	- 7'2	-12'5	- 7'9	- 9'9	-11'8	- 8'4	
- 3'4	+ 6'6	- 4'7	+ 5'1	- 4'0	+ 7'1	- 4'6	+ 9'0	- 3'3	+ 9'0	- 3'5	+ 9'2	- 4'8	+ 8'2	- 3'5	+ 8'1	- 4'2	+ 7'4	- 5'2	+ 8'3	- 7'1	+ 7'7	- 7'9	+ 6'2	- 6'1	+ 4'9	
- 1'5	+12'4	- 1'6	+13'0	- 2'8	+11'4	- 0'2	+11'3	0'0	+ 8'2	- 0'5	+ 9'1	- 0'9	+ 8'3	- 1'9	+ 7'8	+ 0'2	+ 8'6	- 1'4	+ 8'8	- 0'3	+ 9'6	- 1'6	+11'1	- 0'9	+ 9'6	
- 1'1	+ 8'5	- 1'5	+10'0	- 1'5	+ 8'4	+ 0'8	+ 3'8	+ 0'7	+ 3'5	+ 0'6	+ 3'4	+ 0'2	+ 4'0	- 1'5	+ 4'4	- 2'4	+ 4'0	- 1'9	+ 2'1	- 1'3	- 0'1	- 1'4	- 0'8	- 0'6	+ 6'2	
+15'6	+ 4'1	+13'9	+ 3'4	+15'7	+ 2'5	+15'3	+ 1'3	+16'2	+ 1'0	+15'2	+ 1'9	+12'1	+ 1'6	+11'4	+ 1'8	+12'8	+ 1'3	+12'3	+ 2'3	+11'0	+ 3'4	+ 9'3	+ 2'7	+11'3	+ 0'9	
- 4'0	+10'3	- 5'0	+11'1	- 7'0	+ 9'7	- 4'9	+ 8'0	- 2'9	+ 7'5	- 2'7	+ 7'4	- 1'9	+ 6'4	- 0'8	+ 6'6	- 2'0	+ 6'3	- 1'1	+ 5'9	- 1'7	+ 4'0	- 1'0	- 1'0	+ 0'8	+ 5'3	
- 1'9	-24'7	- 4'0	-24'3	- 2'1	-23'5	- 5'1	-22'8	- 5'0	-22'4	- 6'0	-16'2	- 5'5	-15'1	- 6'1	-12'8	- 5'1	-16'8	- 8'2	-13'5	- 6'9	-15'9	- 6'2	-18'2	- 3'7	-21'0	
+ 8'0	- 7'3	+ 8'2	- 4'7	+ 9'1	- 5'3	+ 9'4	- 8'5	+11'4	- 8'4	+10'8	- 8'8	+ 8'2	- 7'4	+ 7'9	- 8'7	+ 8'6	- 9'2	+ 9'7	- 7'4	+11'1	- 6'1	+12'0	- 5'9	+ 7'3	- 7'2	
+14'0	- 7'5	+11'5	- 6'8	+16'6	- 7'3	+18'3	- 9'5	+19'1	- 7'8	+16'5	- 6'2	+20'3	- 1'9	+17'0	- 1'3	+16'1	- 0'8	+13'6	- 3'2	+13'5	- 2'4	+15'0	- 1'7	+15'8	- 4'6	
+ 9'2	+12'8	+ 8'9	+11'7	+ 8'2	+13'3	+ 9'9	+12'6	+ 8'8	+11'4	+ 8'1	+12'4	+ 7'3	+10'5	+ 8'6	+ 7'2	+ 9'4	+ 7'4	+ 8'4	+ 7'4	+ 8'4	+ 7'2	+ 9'0	+ 8'3	+10'4	+10'6	
- 5'2	+10'7	- 1'0	+ 6'9	- 0'8	+ 5'1	0'0	+ 5'1	+ 2'7	+ 4'2	+ 3'2	+ 1'5	+ 2'9	+ 1'1	+ 2'3	+ 2'1	+ 2'9	+ 3'4	+ 5'7	+ 2'0	+ 6'6	+ 1'6	+ 7'1	+ 2'9	+ 2'6	+ 5'5	
+ 0'3	+ 1'2	- 0'9	- 0'6	+ 4'9	- 0'8	+ 4'7	- 2'5	+ 6'7	- 1'2	+ 5'8	- 1'5	+ 4'8	- 1'4	+ 4'8	- 1'1	+ 6'7	- 2'1	+ 6'2	- 1'3	+ 4'2	- 0'2	+ 4'8	+ 0'6	+ 3'9	+ 0'2	
-10'3	-17'3	- 8'7	-17'1	- 9'8	-16'2	- 7'0	-17'9	- 7'9	-17'1	- 9'2	-14'6	- 8'1	-13'3	- 8'1	-10'3	- 7'8	-11'8	- 8'1	-11'1	- 8'4	- 9'6	- 7'4	- 8'0	- 7'1	-13'4	
- 3'5	- 4'8	- 0'9	- 4'8	+ 2'3	- 6'2	+ 3'3	- 7'4	+ 4'0	- 9'3	+ 3'7	- 8'7	+ 4'7	- 6'9	+ 4'8	- 4'2	+ 4'4	- 5'6	+ 4'9	- 5'2	+ 3'5	- 4'7	+ 4'9	- 5'3	+ 0'3	- 5'8	
- 1'3	+ 2'9	- 2'0	+ 2'8	- 1'2	+ 2'9	+ 0'2	+ 2'6	+ 3'9	- 0'3	+ 3'7	+ 0'3	+ 4'8	- 0'5	+ 3'2	+ 0'6	+ 4'2	- 0'8	+ 5'6	- 0'8	+ 6'8	- 0'5	+ 6'4	- 1'5	+ 3'9	+ 0'5	
+ 3'9	- 3'4	+ 3'5	- 8'8	+ 7'4	- 8'6	+ 8'5	- 8'0	+ 9'9	- 5'9	+ 8'6	- 5'6	+ 8'6	- 6'0	+ 9'5	- 6'3	+ 9'0	- 4'2	+ 7'9	- 5'3	+ 8'3	- 4'3	+ 6'1	- 3'1	+ 5'0	- 3'9	
+22'9	- 3'5	+23'6	- 5'0	+22'8	- 5'7	+22'8	- 6'0	+15'5	- 5'7	+15'6	- 6'6	+14'5	- 4'5	+14'5	- 3'2	+14'8	- 4'8	+14'7	- 4'7	+12'7	- 5'5	+13'3	- 4'4	+17'0	- 3'8	
+ 2'8	-14'4	+ 4'5	-14'3	+ 1'7	-17'5	+ 3'1	-16'6	+ 3'8	-15'8	+ 0'5	-16'6	+ 0'6	-15'6	+ 2'2	-16'7	+ 2'4	-14'7	- 0'1	-13'5	- 2'8	-15'0	- 2'3	-14'7	+ 4'2	-14'0	
+13'4	- 7'6	+16'7	- 8'6	+17'2	- 9'5	+17'8	-10'6	+17'6	- 9'4	+17'5	-11'2	+15'8	-11'4	+11'9	-11'4	+13'1	- 9'3	+11'3	- 9'4	+11'9	- 7'2	+11'2	- 7'3	+13'3	- 8'7	
+ 2'0	+ 6'7	+ 2'9	+ 6'2	+ 2'7	+ 4'7	+ 3'1	+ 4'8	+ 2'8	+ 2'8	+ 5'7	+ 3'3	+ 5'5	+ 3'0	+ 4'0	+ 4'3	+ 4'1	+ 4'3	+ 2'7	+ 4'4	- 1'9	+ 4'9	+ 0'9	+ 5'5	+ 3'6	+ 6'0	
- 1'0	- 3'5	- 2'9	- 5'6	- 3'8	- 6'1	- 3'7	- 6'6	- 4'4	- 5'1	- 2'2	- 3'5	- 2'1	- 3'6	- 2'0	- 1'8	- 1'7	- 3'3	- 1'2	- 2'2	- 2'9	- 1'4	- 1'9	- 2'2	- 0'8	- 2'8	
- 8'2	-10'1	- 8'8	-12'3	- 4'4	-12'5	- 3'3	-12'6	- 5'0	-11'6	- 2'6	-11'6	- 3'7	- 9'7	- 4'6	- 7'4	- 6'9	- 5'3	- 8'7	- 5'7	- 5'7	- 6'5	- 6'4	- 5'0	- 7'1	- 8'2	
- 8'2	+ 1'6	- 8'3	+ 1'6	- 7'4	- 1'1	- 7'3	- 1'0	- 5'8	- 2'1	- 2'7	- 3'0	+ 2'9	- 3'0	+ 4'6	- 2'6	+ 3'2	- 1'4	+ 1'8	- 0'9	+ 1'1	- 1'5	+ 1'9	- 0'4	- 0'5	- 0'8	
- 2'8	+10'5	- 3'6	+10'9	- 3'7	+ 9'9	- 3'8	+10'8	- 3'2	+10'8	+ 0'2	+ 6'8	+ 2'5	+ 6'5	+ 2'0	+ 7'1	+ 2'5	+ 5'3	+ 4'9	+ 4'0	+ 4'2	+ 4'7	+ 3'0	+ 3'3	+ 1'3	+ 7'1	
- 5'3	+15'1	- 4'7	+11'1	- 1'8	+ 9'6	- 3'3	+10'1	- 3'5	-10'4	- 3'3	+ 8'3	+ 0'1	+ 6'8	- 0'6	+ 7'2	+ 1'1	+ 6'8	+ 1'5	+ 4'5	+ 3'3	+ 5'5	+ 1'9	+ 6'3	+ 0'2	+ 9'5	
+ 8'0	+ 1'6	+ 7'5	+ 0'8	+ 6'9	- 1'0	+ 7'6	- 2'5	+ 7'8	- 2'6	+ 8'0	- 1'9	+ 8'2	- 2'3	+ 7'3	- 2'9	+ 5'8	- 3'3	+ 5'5	- 3'6	+ 5'4	- 4'0	+ 6'8	- 4'7	+ 6'6	- 0'5	

FALMOUTH, JULY TO DECEMBER 1887.

TABLE IV.—MEAN HOURLY and DAILY WIND

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1887.																								
uly 30-4	+ 5'8	- 3'4	+ 7'7	- 2'6	+ 6'2	- 1'8	+ 5'6	- 1'4	+ 5'4	- 1'4	+ 4'0	- 1'2	+ 4'6	- 1'3	+ 7'1	+ 0'9	+ 2'1	+ 1'4	+ 0'8	+ 3'9	+ 1'1	+ 3'4	- 2'5	+ 3'1
" 5-9	+ 2'6	+ 1'1	+ 1'6	- 1'5	+ 0'9	- 0'6	- 0'6	- 0'8	- 0'1	- 2'1	- 1'2	- 3'2	- 3'9	- 3'5	- 4'7	- 2'7	- 6'2	- 3'3	- 6'2	- 3'4	- 5'8	- 2'7	- 8'0	- 4'9
" 10-14	- 8'4	- 9'4	- 9'5	-11'3	- 9'5	-10'2	- 8'6	- 9'8	- 9'0	- 9'4	-10'7	- 9'5	-10'1	-10'1	-13'0	-10'5	-13'0	-13'1	-14'4	-13'5	-14'3	-14'0	-13'5	-15'9
" 15-19	+ 9'0	- 2'0	+ 8'6	- 2'5	+ 6'2	- 3'5	+ 5'8	- 3'4	+ 5'7	- 3'8	+ 6'1	- 3'6	+ 7'4	- 2'1	+ 8'7	+ 0'6	+11'4	0'0	+12'3	+ 0'2	+13'7	- 4'2	+17'0	- 1'8
" 20-24	+ 0'9	- 3'8	+ 1'3	- 5'6	+ 0'6	- 3'8	+ 1'4	- 3'9	+ 2'5	- 3'2	+ 3'0	- 4'6	+ 3'6	- 5'6	+ 6'2	- 5'8	+ 6'8	- 4'2	+ 2'4	- 3'0	+ 3'3	- 4'6	+ 0'2	- 3'6
" 25-29	- 9'2	- 5'0	- 7'4	- 4'4	- 5'3	- 6'7	- 4'7	- 5'7	- 7'3	- 4'2	- 8'7	- 6'7	- 9'6	- 6'4	- 8'4	- 7'3	-10'1	- 7'1	-10'2	- 7'2	-12'4	-12'7	-13'6	- 8'7
Aug. 30-3	+ 5'9	- 4'0	+ 6'1	- 4'4	+ 5'9	- 4'4	+ 4'9	- 3'1	+ 2'2	- 1'4	+ 2'2	- 0'5	+ 1'7	- 0'6	+ 3'8	- 2'2	+ 0'9	- 1'2	- 1'4	- 0'2	- 4'3	- 0'8	- 4'8	- 1'4
" 4-8	+ 2'9	+ 2'6	+ 1'6	+ 3'0	+ 2'0	+ 1'9	+ 1'8	+ 2'8	+ 3'0	+ 0'8	+ 2'6	+ 1'4	+ 0'9	+ 3'5	+ 1'2	+ 3'1	+ 2'3	+ 3'8	+ 0'6	+ 3'7	+ 0'7	+ 4'6	+ 0'9	+ 4'0
" 9-13	+11'7	- 3'7	+12'0	- 4'3	+11'7	- 4'9	+10'5	- 2'5	+ 9'9	- 3'5	+11'5	- 2'8	+13'0	- 2'5	+15'2	- 2'8	+16'3	- 2'3	+16'1	- 4'6	+17'0	- 4'3	+16'4	- 4'7
" 14-18	+ 6'5	- 3'7	+ 5'7	- 2'3	+ 6'4	- 2'2	+ 7'3	- 2'6	+ 6'6	- 4'1	+ 7'5	- 4'3	+ 8'4	- 4'0	+ 8'3	- 3'5	+ 7'9	- 4'2	+ 8'5	- 2'5	+ 4'5	- 2'2	+ 4'2	- 4'5
" 19-23	+ 2'6	- 1'9	+ 2'3	- 1'8	+ 3'7	- 1'1	+ 2'4	- 1'7	+ 3'4	- 1'4	+ 3'2	- 0'3	+ 1'9	- 0'3	+ 2'3	+ 0'2	+ 0'4	+ 1'8	+ 1'3	+ 3'4	+ 0'8	+ 3'7	- 0'7	+ 1'8
" 24-28	- 9'5	- 0'4	-10'1	+ 0'6	- 8'8	- 1'3	- 7'2	- 0'4	- 9'4	- 0'7	-10'1	+ 0'4	-11'0	+ 1'0	-12'1	+ 1'5	-13'5	+ 2'4	-13'1	+ 2'1	-14'5	+ 3'6	-15'2	+ 2'8
pt. 29-2	-15'9	-18'7	-13'7	-20'5	- 9'4	-22'4	- 7'7	-21'2	- 7'5	-18'8	- 5'6	-19'0	- 7'7	-19'0	- 8'1	-19'0	-12'3	-18'9	-14'4	-17'8	-14'1	-16'2	-10'6	-18'1
" 3-7	- 3'4	-10'1	- 3'8	-10'4	- 2'7	- 9'5	- 2'8	- 9'6	- 3'5	- 9'1	-12'5	-12'0	- 5'4	-14'5	- 4'8	-15'9	- 5'3	-17'3	- 5'2	-17'7	- 8'2	-16'7	-10'7	-17'2
" 8-12	+ 2'2	- 7'7	+ 2'9	- 8'3	+ 2'7	- 7'5	+ 2'0	- 6'2	+ 2'4	- 5'1	+ 2'9	- 5'6	+ 2'9	- 5'2	+ 3'1	- 5'0	+ 5'0	- 7'5	+ 3'6	- 8'9	+ 2'3	- 7'1	- 0'7	- 7'5
" 13-17	+ 0'1	- 8'1	- 0'2	- 7'5	- 0'5	- 7'1	+ 1'8	- 5'9	+ 3'3	- 4'1	+ 2'8	- 5'2	+ 6'0	- 4'8	+ 6'8	- 4'9	+ 5'4	- 6'5	+ 4'5	- 5'4	+ 3'7	- 5'2	+ 3'4	- 5'1
" 18-22	+ 6'6	+ 6'1	+ 5'5	+ 7'4	+ 5'0	+ 5'9	+ 5'5	+ 6'0	+ 4'7	+ 6'5	+ 5'9	+ 5'1	+ 5'4	+ 5'8	+ 5'9	+ 7'3	+ 3'9	+ 8'9	+ 5'0	+ 8'9	+ 4'6	+ 9'4	+ 3'0	+ 8'9
" 23-27	+ 3'6	+ 0'6	+ 3'7	+ 0'6	+ 2'9	+ 1'0	+ 2'8	+ 0'7	+ 1'8	+ 1'7	+ 4'0	+ 1'1	+ 3'0	- 0'5	+ 2'1	+ 0'4	+ 3'0	- 0'6	+ 0'2	- 1'1	+ 1'2	- 2'5	- 0'2	- 0'6
t. 28-2	+ 7'6	- 1'1	+ 8'8	+ 0'6	+ 5'2	+ 1'6	+ 7'0	- 0'7	+ 7'0	+ 1'1	+ 8'5	- 0'3	+ 5'4	- 1'2	+ 7'8	+ 2'9	+ 7'7	+ 3'5	+ 9'8	+ 4'1	+10'8	+ 4'3	+ 8'1	+ 5'2
" 3-7	+ 3'5	+ 1'7	+ 4'8	+ 2'7	+ 5'1	+ 3'7	+ 5'6	+ 3'0	+ 4'6	+ 3'4	+ 5'9	+ 2'7	+ 4'8	+ 3'2	+ 5'9	+ 3'5	+ 5'5	+ 4'4	+ 5'7	+ 5'0	+ 4'8	+ 6'1	+ 5'0	+ 5'1
" 8-12	+ 9'2	- 4'1	+ 5'2	- 2'7	+ 7'0	- 4'8	+ 2'0	- 6'1	+ 9'3	- 3'9	+ 8'5	- 5'1	+ 9'1	- 4'6	+10'6	- 3'7	+12'7	- 5'6	+11'5	- 3'7	+ 8'4	- 4'1	+ 9'3	- 7'5
" 13-17	+ 6'2	+ 1'4	+ 5'2	+ 1'2	+ 5'3	- 0'4	+ 6'0	+ 0'1	+ 5'7	- 0'8	+ 7'3	- 2'1	+ 8'1	- 1'6	+ 8'8	- 2'8	+11'9	- 1'7	+13'0	+ 1'3	+ 3'4	+ 0'4	+13'8	- 1'9
" 18-22	+ 1'2	+ 2'9	+ 3'3	+ 2'3	- 0'7	+ 3'2	- 1'2	+ 3'0	- 0'5	+ 3'1	- 1'7	+ 3'2	- 2'4	+ 3'5	- 1'4	+ 1'5	- 2'0	+ 2'8	- 3'0	+ 3'4	- 2'5	+ 5'4	- 6'9	+ 5'0
" 23-27	- 1'9	- 2'7	- 1'3	- 2'3	- 1'0	- 4'6	+ 0'6	- 3'8	+ 2'5	- 0'9	+ 1'1	- 1'5	+ 0'9	- 1'7	+ 1'7	- 1'7	+ 3'3	- 2'8	+ 1'3	- 3'5	- 3'4	- 1'6	- 3'3	- 2'1
v. 28-1	- 0'1	-15'0	- 2'6	-14'1	- 5'4	-14'1	-10'5	-13'9	-10'8	-14'3	-10'6	-12'3	- 3'1	-16'3	- 0'6	-17'9	- 1'2	-17'1	- 0'8	-19'7	+ 0'9	-21'4	- 0'6	-19'5
" 2-6	+ 2'1	-20'5	- 0'1	-19'9	- 3'3	-19'0	- 4'4	-18'6	- 3'9	-18'7	- 6'4	-18'0	- 4'6	-18'9	- 5'0	-18'4	- 7'5	-19'1	- 7'3	-18'8	- 6'5	-19'8	- 7'2	-16'9
" 7-11	+ 9'4	+ 3'0	+ 9'8	+ 3'1	+10'1	+ 3'0	+ 8'8	+ 2'3	+ 8'9	+ 1'9	+ 8'9	+ 2'7	+10'5	+ 3'5	+11'1	+ 3'0	+11'4	+ 4'6	+ 9'8	+ 5'1	+ 9'6	+ 5'9	+ 9'5	+ 8'2
" 12-16	+ 6'5	+ 6'1	+ 5'6	+ 6'2	+ 6'1	+ 5'4	+ 6'9	+ 4'5	+ 6'9	+ 4'5	+ 6'2	+ 6'6	+ 6'4	+ 6'1	+ 6'8	+ 5'5	+ 7'0	+ 5'5	+ 7'0	+ 4'4	+ 5'4	+ 6'4	+ 3'8	+ 8'2
" 17-21	+ 2'5	+ 3'1	+ 2'9	+ 2'9	+ 1'6	+ 2'1	+ 1'9	+ 1'7	+ 1'6	+ 3'8	+ 1'6	+ 3'6	+ 1'1	+ 5'1	+ 0'2	+ 1'0	+ 4'5	- 1'9	+ 6'3	- 0'5	+ 5'5	+ 0'6	+ 4'7	- 1'5
" 22-26	+ 2'2	+ 1'4	+ 1'6	+ 2'5	+ 1'8	+ 1'7	+ 2'0	+ 0'1	+ 0'2	+ 0'9	+ 1'1	+ 0'3	+ 1'2	+ 1'4	+ 0'7	+ 1'0	+ 1'5	+ 1'6	- 0'5	+ 1'1	+ 4'3	+ 0'4	+ 2'8	+ 0'1
Dec. 27-1	- 7'7	-10'7	- 8'1	-10'4	- 7'5	-10'8	- 6'9	- 9'7	- 2'7	- 9'2	- 2'2	-12'7	+ 0'5	-10'7	+ 1'0	- 9'9	+ 2'2	- 8'5	+ 0'3	-10'0	+ 2'0	-12'0	+ 2'6	-12'5
" 2-6	- 4'2	- 5'6	- 4'1	- 5'8	- 6'7	- 5'2	- 5'6	- 6'2	- 5'5	- 6'0	- 6'2	- 5'8	- 6'8	- 5'3	- 6'4	- 6'9	- 5'4	- 8'4	- 5'9	-10'3	- 3'0	-12'7	+ 0'5	-14'0
" 7-11	- 3'4	-17'0	- 4'1	-18'3	0'0	-17'4	- 1'4	-18'5	- 0'6	-16'9	- 1'0	-15'0	- 2'8	-15'1	- 3'4	-17'0	- 1'5	-19'6	+ 4'6	-19'1	+ 3'7	-21'0	+ 6'7	-18'1
" 12-16	-14'1	-14'3	-13'4	-16'3	-12'6	-17'1	-14'8	-13'6	-14'4	-16'1	-16'0	-16'2	-14'1	-16'5	-12'2	-16'9	-12'9	-15'6	-12'6	-10'8	-13'4	-15'7	-12'3	-15'4
" 17-21	+13'6	-14'2	+14'0	-12'0	+11'8	-12'5	+ 9'9	-12'0	+12'2	-10'6	+ 9'1	-11'4	+11'6	-10'9	+12'9	-11'7	+12'3	-10'5	+10'5	-13'5	+10'3	-11'5	+13'2	-14'7
" 22-26	+ 7'1	+ 9'4	+ 6'9	+ 0'4	+ 7'6	- 1'3	+ 7'4	0'0	+ 6'6	- 1'5	+ 7'6	- 0'6	+ 6'9	0'0	+ 6'9	+ 0'2	+ 4'6	+ 0'3	+ 6'8	+ 0'8	+ 7'7	+ 1'6	+ 8'1	+ 1'6
" 27-31	+ 5'2	+ 5'8	+ 6'1	+ 5'7	+ 6'5	+ 6'2	+ 7'5	+ 6'0	+ 8'2	+ 5'9	+ 8'6	+ 6'3	+ 6'5	+ 6'5	+ 6'7	+ 6'7	+ 5'8	+ 6'0	+ 6'0	+ 6'0	+ 6'4	+ 8'2	+ 5'8	+ 7'3

COMPONENTS for FIVE-DAY PERIODS—continued.

P.M.																							Midt.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
- 2'7	+ 2'6	+ 0'4	- 0'5	+ 1'5	+ 0'1	+ 1'4	+ 0'2	+ 2'5	- 1'5	- 1'1	- 4'5	+ 7'6	- 4'9	+ 7'4	- 2'1	+ 7'0	- 2'4	+ 4'9	- 2'3	+ 7'3	- 3'6	+ 7'2	- 3'7	+ 3'8	- 1'0	
- 8'9	- 5'8	- 9'1	- 7'4	- 8'6	- 7'4	- 9'3	- 8'1	- 9'3	- 6'4	- 8'5	- 4'8	- 8'6	- 2'7	- 6'5	- 3'1	- 7'8	- 5'0	- 5'8	- 6'5	- 3'5	- 6'7	- 2'7	- 4'7	- 5'0	- 4'0	
-14'7	-15'9	-13'4	-16'2	-13'0	-18'8	-12'3	-16'7	-12'4	-13'2	- 9'1	-12'9	- 6'8	-11'9	- 8'1	- 9'1	- 6'5	- 8'2	- 8'3	- 7'6	-10'1	- 7'8	- 6'4	- 5'9	-10'6	-11'7	
+15'0	- 3'9	+15'3	- 4'4	+11'6	- 4'2	+14'2	- 4'0	+14'7	- 3'9	+14'5	- 3'4	+15'6	- 5'8	+16'4	- 3'7	+15'0	- 1'9	+15'3	- 2'6	+14'1	- 2'4	+13'1	- 3'0	+12'0	- 2'9	
- 1'2	- 3'7	+ 4'6	- 6'0	+ 3'7	- 7'0	+ 2'8	- 7'9	+ 1'8	-10'0	+ 3'2	-10'0	+ 3'5	- 9'3	+ 1'6	- 8'3	+ 0'5	- 7'6	+ 2'1	- 8'0	+ 0'8	- 5'8	- 0'3	- 6'7	+ 2'3	- 5'9	
-15'8	-11'9	-14'4	-12'2	-13'7	-12'2	-13'0	-11'0	-10'2	-10'4	- 9'1	-10'4	- 8'3	- 8'5	- 8'9	- 6'7	-10'1	- 6'4	- 6'6	- 7'5	- 7'1	- 7'3	- 7'4	- 5'7	- 9'6	- 8'0	
- 5'2	- 2'8	-11'2	- 2'1	- 1'6	- 6'2	- 0'6	- 5'1	+ 4'8	- 4'6	+ 5'3	- 4'9	+ 7'6	- 4'9	+ 6'2	- 3'3	+ 5'6	- 3'1	+ 6'7	- 2'1	+ 6'4	- 1'6	+ 5'9	- 1'6	+ 2'2	- 2'8	
+ 0'5	+ 4'5	+ 1'2	+ 3'3	+ 1'9	+ 1'9	+ 2'3	+ 2'7	+ 2'7	+ 2'3	+ 4'8	+ 1'2	+ 3'8	- 0'3	+ 3'9	- 1'1	+ 3'8	- 1'7	+ 4'0	- 0'6	+ 4'6	- 1'1	+ 4'3	+ 0'5	+ 2'4	+ 2'0	
+18'0	- 4'0	+17'2	- 5'0	+18'0	- 5'6	+20'3	- 5'2	+20'1	- 6'8	+21'7	- 6'0	+19'4	- 4'4	+14'6	- 2'6	+13'9	- 3'4	+11'8	- 2'7	+10'7	- 2'5	+10'1	- 3'7	+14'9	- 3'9	
+ 6'0	- 4'9	+ 8'7	- 5'8	+ 7'3	- 3'0	+ 9'4	-11'0	+ 8'1	- 6'1	+ 9'1	- 6'7	+ 7'4	- 3'3	+ 4'9	- 3'7	+ 3'7	- 3'7	+ 5'4	- 4'3	+ 5'8	- 4'2	+ 5'9	- 4'8	+ 6'8	- 4'2	
- 1'8	+ 1'9	- 2'0	+ 2'1	- 1'9	+ 3'5	+ 0'7	+ 3'0	+ 1'2	+ 1'4	+ 1'3	+ 0'1	+ 1'4	0'0	+ 2'6	+ 0'1	+ 2'6	+ 1'1	+ 0'4	+ 1'0	+ 1'5	+ 0'6	+ 2'6	+ 0'1	+ 1'3	+ 0'7	
-15'4	+ 1'2	-15'7	+ 0'2	-15'8	+ 2'3	-10'9	- 1'1	-11'8	- 0'8	-11'6	- 2'9	-11'0	- 1'4	- 9'5	- 2'3	-11'1	- 3'0	-12'4	- 2'7	-13'0	- 1'9	-11'9	- 2'7	-11'9	- 0'1	
-12'9	-19'5	-13'7	-16'6	-13'4	-19'7	-14'4	-15'5	-15'9	-15'8	-12'9	-18'2	-10'9	-16'1	-11'6	-15'4	-14'1	-15'9	-13'4	-15'6	-15'4	-16'2	-14'5	-15'3	-12'1	-17'9	
-10'0	-17'7	- 8'5	-17'4	- 8'1	-17'0	- 7'5	-15'1	- 5'1	-15'8	- 5'0	-13'5	- 6'3	- 9'3	- 4'3	- 9'2	- 3'4	- 9'9	- 0'7	-10'3	- 0'9	- 9'9	- 0'2	- 9'3	- 5'3	-13'1	
- 3'3	- 9'0	- 2'3	-10'2	- 1'0	- 9'6	- 2'4	-10'1	- 0'9	-11'0	- 0'9	-10'9	- 1'2	- 9'0	- 0'5	- 9'6	- 0'8	- 9'3	+ 0'3	- 9'2	0'0	- 8'1	+ 0'6	- 9'1	+ 0'8	- 8'2	
+ 0'8	- 7'1	+ 4'6	- 7'9	+ 1'7	- 9'1	+ 5'9	- 6'3	+ 5'7	- 6'2	+ 4'1	- 4'9	+ 1'5	- 2'9	+ 3'1	- 2'6	+ 1'5	- 2'5	+ 0'7	- 2'2	+ 0'5	- 3'0	+ 2'1	- 4'0	+ 2'9	- 5'3	
+ 2'3	+ 8'4	+ 2'6	+ 7'6	+ 2'5	+ 7'6	+ 0'4	+ 8'2	+ 3'0	+ 7'0	+ 4'5	+ 5'7	+ 4'9	+ 5'1	+ 5'3	+ 4'6	+ 7'3	+ 4'9	+ 6'5	+ 4'4	+ 5'7	+ 4'4	+ 6'6	+ 3'9	+ 4'7	+ 6'6	
- 4'6	- 3'4	- 1'7	- 1'9	+ 1'7	- 1'1	+ 0'5	- 3'3	- 2'0	- 3'3	+ 6'6	- 0'7	+ 5'0	+ 0'1	+ 3'5	- 1'4	+ 4'0	- 0'3	+ 5'3	- 1'8	+ 4'7	- 3'3	+ 3'4	- 1'4	+ 2'3	- 0'9	
+ 6'0	+ 5'2	+ 2'0	+ 3'7	+ 4'8	+ 3'9	+ 4'8	+ 4'4	+ 9'3	+ 1'8	+10'2	+ 1'8	+ 9'4	+ 0'2	+ 8'3	+ 1'3	+ 6'1	+ 0'9	+ 8'2	- 0'1	+ 8'6	+ 0'9	+ 8'2	+ 1'3	+ 7'5	+ 1'9	
+ 4'8	+ 7'7	+ 4'3	+ 6'3	+ 2'6	+ 6'5	+ 1'7	+ 4'9	+ 2'1	+ 3'4	+ 0'7	+ 0'7	+ 2'7	+ 2'3	+ 4'2	+ 4'2	+ 4'3	+ 3'8	+ 4'0	+ 3'0	+ 3'8	+ 2'8	+ 4'3	+ 2'9	+ 4'1	+ 3'9	
+15'3	- 5'4	+17'9	- 6'9	+15'6	- 7'9	+18'2	- 5'8	+14'7	- 4'3	+15'2	- 3'1	+15'2	- 4'8	+10'8	- 5'2	+13'9	- 2'1	+12'1	- 2'0	+ 5'6	- 3'0	+ 9'3	- 2'0	+11'4	- 4'5	
+ 9'2	- 1'0	+ 9'9	- 1'0	+ 9'2	- 0'8	+12'6	- 2'2	+11'6	- 3'3	+13'3	- 1'4	+11'3	+ 1'7	+10'8	+ 1'4	+10'1	+ 0'1	+ 4'7	+ 2'3	+ 3'5	+ 2'5	+ 3'2	+ 1'9	+ 8'5	- 0'3	
- 7'7	+ 3'7	- 5'9	+ 3'7	- 4'5	+ 3'6	- 2'4	+ 3'8	- 2'0	+ 3'1	- 1'5	+ 4'1	- 0'2	+ 2'1	+ 0'2	+ 5'0	0'0	+ 4'3	- 1'2	+ 3'8	- 0'3	+ 3'4	+ 1'4	+ 3'1	- 1'8	+ 3'5	
- 3'0	- 2'3	- 2'8	- 4'2	- 4'4	- 2'8	- 2'7	- 6'3	- 0'7	- 6'3	- 1'7	- 5'3	- 3'7	- 5'2	- 2'5	- 7'1	- 4'0	- 8'0	- 5'0	- 6'7	- 3'4	- 7'0	- 0'2	- 6'3	- 1'4	- 4'0	
- 1'1	-10'3	- 1'6	-20'3	- 4'7	-21'4	- 4'2	-17'1	- 4'7	-12'8	- 5'6	-10'7	- 8'3	-14'2	- 9'5	-10'7	-11'9	- 9'5	-13'4	- 6'1	-11'4	- 9'2	- 1'8	-15'8	- 5'1	-15'1	
-10'7	-15'4	-12'8	-12'1	-12'4	-11'9	-11'7	- 9'7	-10'9	-11'2	- 8'0	-11'1	- 7'1	-12'0	- 3'8	-15'6	- 4'4	-14'7	- 6'5	-14'9	- 3'3	-19'1	+ 2'9	-19'9	- 6'0	-16'4	
+ 9'2	+ 8'4	+ 8'7	+ 8'4	+ 8'1	+ 7'4	+ 5'0	+ 5'1	+ 5'6	+ 5'3	+ 7'2	+ 2'7	+ 8'3	+ 4'9	+ 7'6	+ 4'6	+ 8'8	+ 2'8	+11'6	+ 2'1	+ 9'5	+ 2'0	+10'2	+ 2'6	+ 9'1	+ 4'3	
+ 5'1	+ 7'1	+ 3'8	+ 7'7	+ 4'6	+ 7'1	+ 6'6	+ 6'4	+ 8'2	+ 6'3	+ 9'1	+ 5'4	+ 9'6	+ 4'2	+ 9'0	+ 4'2	+ 8'3	+ 5'5	+ 8'3	+ 5'5	+ 8'9	+ 5'0	+ 7'7	+ 6'3	+ 6'8	+ 5'8	
+ 2'2	- 2'0	+ 4'0	- 1'0	+ 4'3	- 1'1	+ 5'0	- 1'0	+ 4'9	+ 0'3	+ 4'5	+ 1'3	+ 4'3	+ 0'3	+ 5'8	+ 3'0	+ 5'7	+ 1'9	+ 8'9	+ 0'7	+ 5'3	+ 0'4	+ 2'6	+ 1'8	+ 3'8	+ 1'0	
+ 4'0	- 2'0	+ 3'7	- 1'3	+ 4'3	- 0'8	+ 3'8	- 1'0	+ 2'5	- 1'3	+ 1'9	- 2'6	+ 1'1	- 2'5	+ 0'7	- 1'8	+ 0'4	- 4'2	+ 0'2	- 3'1	+ 0'5	- 3'2	- 1'4	- 3'7	+ 1'7	- 0'6	
+ 3'4	-11'8	+ 2'4	-11'2	+ 1'7	-10'7	- 0'4	- 6'8	- 0'4	- 5'8	0'0	- 5'5	- 1'1	- 5'8	- 0'5	- 8'9	- 2'5	- 5'7	- 1'6	- 6'8	- 2'3	- 7'0	- 0'7	- 7'2	- 1'2	- 9'2	
- 5'1	-13'3	- 2'4	-13'7	- 4'1	-12'7	- 4'8	-11'2	- 1'9	-10'9	+ 3'0	- 8'9	+ 5'9	- 5'9	+ 2'3	- 8'0	+ 0'8	- 8'1	- 1'9	- 7'6	+ 0'6	- 8'2	- 1'6	- 8'0	- 2'8	- 8'7	
+ 7'1	-18'1	+ 5'6	-18'4	+ 4'5	-14'6	+ 2'8	-14'7	+ 1'8	-15'3	+ 2'3	-16'1	+ 1'3	-13'1	0'0	-12'8	- 0'1	-13'6	- 1'7	-14'4	- 1'6	-13'4	- 2'0	-12'6	+ 0'7	-16'2	
-11'7	-17'9	- 9'4	-16'3	- 5'1	-18'1	- 5'7	-16'8	- 8'3	-15'3	- 7'3	-17'7	- 7'0	-20'5	- 9'1	-19'6	- 8'4	-20'5	- 7'2	-20'9	- 8'0	-21'2	- 7'6	-19'0	-10'7	-16'9	
+ 8'3	-15'2	+ 7'9	-12'5	+ 9'9	-13'5	+ 8'5	-12'3	+ 7'6	-11'0	+ 9'3	- 9'9	+ 9'4	-11'9	+13'6	- 7'2	+14'1	- 3'8	+11'7	- 7'9	+12'2	- 7'2	+12'8	- 9'6	+11'1	-11'2	
+ 7'6	+ 0'9	+ 6'7	+ 2'9	+ 8'4	+ 1'1	+ 7'9	+ 1'1	+ 7'4	+ 1'7	+ 7'9	+ 1'9	+ 6'1	+ 0'6	+ 6'6	+ 0'3	+ 8'0	+ 0'8	+ 7'3	+ 1'7	+ 5'2	+ 2'2	+ 6'1	+ 2'4	+ 7'1	+ 0'8	
+ 5'4	+ 6'5	+ 3'0	+ 7'6	+ 1'9	+ 6'8	+ 2'0	+ 5'9	+ 0'8	+ 5'8	+ 3'7	+ 7'3	+ 3'9	+ 6'9	+ 3'1	+ 6'6	+ 3'1	+ 7'7	+ 2'7	+ 9'9	+ 3'9	+ 9'2	+ 2'0	+ 9'6	+ 4'8	+ 6'9	

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL
FALMOUTH OBSERVATORY - - LAT. 50° 9' N. LONG. 5° 4' W.

Five-day Periods.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1887. Jan. 1-5	2	in. '105	2	in. '085	2	in. '045	1	in. '010	1	in. '015	1	in. '010	—	in.	—	in.	1	in. '005	1	in. '005	—	in.	—	in.		
" 6-10	1	'005	—	—	1	'010	1	'005	2	'035	2	'025	3	'115	2	'020	2	'045	2	'025	2	'010	3	'025		
" 11-15	1	'050	1	'020	1	'030	1	'055	1	'020	1	'025	1	'020	1	'020	1	'020	1	'005	1	'020	2	'015		
" 16-20	—	—	—	—	—	—	—	—	1	'010	1	'010	1	'005	—	—	1	'005	1	'020	2	'025	2	'045		
" 21-25	1	'005	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	1	'005	—	—	—	—		
" 26-30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	—	—	—	—		
Feb. 31-4	2	'050	2	'050	3	'055	1	'030	1	'005	2	'165	2	'035	2	'010	1	'050	3	'070	3	'175	2	'085		
" 5-9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 10-14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 15-19	1	'005	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 20-24	1	'015	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	1	'005	—	—	1	'010	—	—		
" 25-1	—	—	—	—	—	—	1	'020	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Mar. 2-6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 7-11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 12-16	—	—	—	—	—	—	1	'035	2	'120	1	'160	2	'050	2	'035	1	'015	—	—	1	'005	1	'005		
" 17-21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 22-26	—	—	—	—	—	1	'020	2	'010	1	'025	1	'010	1	'010	1	'020	1	'020	—	—	2	'040	2	'045	
" 27-31	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'015	1	'020	1	'005	—	—	—	—	—		
April 1-5	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	1	'010	—	—	—	—	—	—	—	—		
" 6-10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 11-15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 16-20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 21-25	2	'100	—	—	2	'085	1	'010	—	—	1	'030	1	'025	—	—	—	—	1	'040	—	—	1	'005		
" 26-30	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	2	'055	2	'095	1	'070	1	'070		
May 1-5	—	—	—	—	—	—	1	'010	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 6-10	—	—	—	—	—	—	—	—	—	—	1	'010	1	'010	1	'010	1	'010	1	'015	1	'030	1	'030		
" 11-15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 16-20	1	'015	—	—	1	'005	—	—	1	'005	—	—	1	'015	1	'005	—	—	1	'010	—	—	—	—		
" 21-25	1	'020	1	'030	1	'015	—	—	1	'030	—	—	—	—	1	'005	1	'035	—	—	—	—	—	—		
" 26-30	—	—	2	'055	2	'035	1	'005	1	'025	—	—	1	'015	1	'035	1	'065	1	'040	1	'020	1	'065		
June 31-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 5-9	—	—	1	'005	1	'005	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 10-14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 15-19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 20-24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 25-29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

NOTE.—In estimating the number of DAYS on which Rain fell, those on

Rain-gauge, 2 feet above Ground ; 169 feet above Mean Sea Level.

which a fall of less than 0.01 in. was measured have been disregarded.

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL

Five-day Periods.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1887. July 30-4	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.		
" 5-9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 10-14	—	—	1	'015	1	'005	1	'005	—	—	—	—	1	'020	2	'015	1	'005	1	'030	—	—	—	—		
" 15-19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005			
" 20-24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 25-29	1	'010	1	'150	3	'135	3	'050	—	—	—	—	—	—	1	'005	1	'010	1	'010	1	'010	—	—		
Aug. 30-3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 4-8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 9-13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 14-18	1	'010	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 19-23	1	'055	1	'030	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 24-28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'050	1	'010	1	'010	1	'015		
Sept. 29-2	2	'180	2	'085	1	'035	2	'060	1	'090	2	'125	2	'090	3	'035	1	'005	3	'055	1	'005	2	'055		
" 3-7	2	'075	1	'005	—	—	1	'005	1	'025	1	'045	2	'040	1	'025	1	'005	1	'005	1	'020	1	'005		
" 8-12	—	—	—	—	—	—	—	—	1	'005	1	'005	2	'015	1	'010	—	—	1	'005	—	—	—	—		
" 13-17	—	—	1	'020	2	'020	2	'155	2	'020	1	'060	1	'360	1	'255	1	'120	2	'050	—	—	2	'045		
" 18-22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 23-27	—	—	—	—	—	—	1	'020	—	—	—	—	1	'005	1	'045	—	—	1	'005	—	—	—	—		
Oct. 28-2	2	'055	2	'090	3	'170	—	—	2	'055	1	'085	1	'045	2	'040	1	'010	1	'005	—	—	—	—		
" 3-7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 8-12	—	—	2	'045	1	'020	1	'005	—	—	1	'095	1	'010	2	'035	1	'015	2	'055	2	'130	2	'255		
" 13-17	—	—	—	—	1	'005	1	'015	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 18-22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 23-27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	1	'005	1	'015	1	'010	1	'035		
Nov. 28-1	2	'180	3	'065	2	'115	2	'305	2	'195	2	'325	2	'025	2	'025	2	'015	2	'015	2	'070	2	'080		
" 2-6	4	'095	1	'010	1	'045	—	—	3	'045	2	'050	—	—	—	—	1	'040	1	'055	1	'015	1	'015		
" 7-11	1	'005	—	—	—	—	1	'020	—	—	—	—	—	—	1	'070	1	'050	1	'090	—	—	1	'005		
" 12-16	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	1	'020	1	'030	—	—	—	—		
" 17-21	—	—	—	—	—	—	—	—	—	—	1	'005	1	'045	1	'090	1	'180	2	'125	2	'050	2	'050		
" 22-26	1	'040	1	'005	1	'005	—	—	1	'010	—	—	1	'045	1	'020	1	'020	—	—	—	—	—	—		
Dec. 27-1	—	—	—	—	—	—	1	'010	1	'030	2	'020	1	'005	—	—	—	—	1	'005	—	—	—	—		
" 2-6	1	'005	—	—	1	'010	—	—	—	—	1	'025	—	—	1	'020	1	'065	1	'005	—	—	1	'005		
" 7-11	1	'025	3	'060	3	'085	1	'060	2	'065	1	'120	2	'200	2	'125	1	'035	1	'050	1	'005	1	'005		
" 12-16	1	'015	1	'015	2	'020	—	—	2	'050	1	'050	1	'050	1	'010	—	—	1	'015	2	'060	3	'090		
" 17-21	1	'015	—	—	1	'010	2	'020	—	—	4	'055	2	'050	2	'025	1	'005	1	'005	3	'035	1	'045		
" 22-26	1	'005	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 27-31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			

NOTE.—In estimating the number of DAYS on which Rain fell, those on

* This total exceeds the sum of the hourly totals by an amount of rain which was measured, but which,

AMOUNTS of RAINFALL registered therein, for FIVE-DAY PERIODS—*continued*.

P.M.																Totals for the Five Days.	
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.						
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Days (see Note).	Amount.
—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	ing.
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	*355
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	*125*
1	*005	1	*070	2	*205	—	—	—	—	—	—	—	—	—	—	2	*330
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	*010
—	—	1	*060	1	*120	1	*140	1	*035	—	—	—	—	—	—	4	*905
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	1	*005	—	—	—	—	—	—	—	—	—	—	—	—	3	*365
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	*130
1	*025	—	—	1	*010	1	*080	—	—	—	—	—	—	—	—	2	*500
3	*045	1	*045	3	*090	3	*160	3	*065	2	*055	2	*035	1	*025	5	1'485
1	*050	1	*035	1	*080	2	*100	1	*010	1	*020	—	—	—	—	5	*580
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	*100
3	*020	1	*015	1	*030	1	*060	1	*020	1	*025	1	*025	—	—	4	1'330
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	1	*030	2	*160	1	*005	1	*115	1	*005	—	—	2	*450
—	—	—	—	1	*010	1	*035	2	*025	1	*045	—	—	—	—	3	*790
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	*140	—	—	—	—	2	*035	1	*130	2	*015	1	*065	2	*015	3	1'135
1	*005	—	—	1	*025	1	*010	1	*005	1	*020	1	*030	—	—	2	*130
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	*030	2	*085	2	*080	2	*040	1	*055	1	*045	2	*078	1	*030	2	*638
—	—	1	*005	—	—	—	—	2	*085	2	*095	1	*135	1	*275	4	3'525
—	—	2	*055	2	*095	2	*340	3	*145	2	*080	3	*085	4	*235	5	1'800
1	*010	1	*045	1	*010	—	—	—	—	—	—	—	—	—	—	3	*415
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	*130
1	*005	—	—	1	*045	1	*060	1	*005	1	*007	1	*023	2	*060	3	*820
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	*150
—	—	—	—	—	—	1	*035	1	*025	1	*015	1	*015	2	*010	4	*275
—	—	1	*030	1	*060	1	*005	2	*025	2	*025	1	*005	2	*020	4	*385
1	*010	2	*115	2	*125	1	*040	1	*010	2	*020	1	*010	—	—	3	1'195
2	*070	1	*070	2	*035	2	*030	3	*065	2	*135	5	*070	3	*060	5	1'350
3	*025	1	*005	2	*025	3	*070	4	*215	4	*245	3	*150	2	*020	4	1'250
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	*035
—	—	—	—	—	—	1	*010	—	—	—	—	—	—	—	—	1	*010

which a fall of less than 0.01 in. was measured have been disregarded.
owing to failure of the trace, could not be allocated to the hours at which it fell.

FALMOUTH OBSERVATORY

TABLE VI.—HOURLY and DAILY MEANS of
Barometer Cistern, 183 feet

1887.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan.	ins. 29°812	ins. 29°806	ins. 29°803	ins. 29°803	ins. 29°799	ins. 29°794	ins. 29°794	ins. 29°799	ins. 29°809	ins. 29°818	ins. 29°825	ins. 29°826	ins. 29°814
Feb.	30°111	30°107	30°105	30°098	30°095	30°094	30°097	30°103	30°114	30°119	30°126	30°131	30°128
March	29°902	29°899	29°894	29°887	29°889	29°894	29°900	29°908	29°918	29°925	29°930	29°932	29°928
April	29°839	29°834	29°828	29°826	29°823	29°823	29°829	29°835	29°839	29°843	29°847	29°847	29°843
May	29°874	29°867	29°863	29°860	29°858	29°864	29°873	29°881	29°886	29°888	29°887	29°889	29°886
June	30°010	30°005	30°001	29°997	29°997	30°000	30°007	30°012	30°019	30°022	30°026	30°028	30°028
July	29°892	29°888	29°884	29°879	29°877	29°879	29°884	29°889	29°893	29°895	29°895	29°895	29°894
August	29°822	29°815	29°810	29°806	29°803	29°803	29°809	29°817	29°822	29°823	29°826	29°827	29°823
Sept.	29°774	29°768	29°764	29°757	29°755	29°754	29°761	29°770	29°781	29°788	29°794	29°795	29°790
Oct.	29°954	29°953	29°953	29°948	29°948	29°951	29°955	29°962	29°974	29°980	29°983	29°983	29°976
Nov.	29°492	29°486	29°484	29°480	29°476	29°475	29°474	29°483	29°496	29°505	29°512	29°519	29°506
Dec.	29°740	29°735	29°733	29°731	29°726	29°720	29°716	29°716	29°719	29°727	29°734	29°737	29°727
Year	29°852	29°847	29°844	29°839	29°837	29°838	29°842	29°848	29°856	29°861	29°865	29°867	29°862

TABLE VII.—HOURLY and DAILY MEANS of
Thermometer, 4

1887.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan.	41°5	41°5	41°6	41°2	41°2	41°1	41°2	41°5	41°5	41°7	42°4	43°2	43°7
Feb.	41°6	41°6	41°4	41°3	41°1	41°1	40°9	40°9	40°8	41°6	42°3	43°2	43°7
March	39°5	39°2	38°8	38°3	38°0	38°0	37°5	37°9	38°9	40°6	41°9	43°0	43°6
April	41°3	41°3	40°9	40°5	40°3	40°2	40°4	42°2	44°2	45°5	46°1	47°5	47°9
May	47°7	47°4	46°9	46°6	46°1	46°0	46°8	49°0	50°4	51°7	52°3	53°2	53°4
June	55°6	55°3	54°8	54°7	54°5	54°6	56°6	59°6	61°4	63°2	63°5	63°8	63°7
July	59°2	59°0	58°5	58°4	58°1	58°1	59°7	62°5	64°1	65°0	66°8	67°4	67°1
August	56°7	56°8	56°3	56°2	55°8	55°8	56°6	59°3	61°6	63°5	64°0	65°0	65°3
Sept.	52°8	53°1	52°8	52°6	52°1	52°1	52°9	52°8	54°3	55°9	56°6	57°7	58°0
Oct.	46°7	46°3	46°2	46°3	46°1	45°9	45°6	45°7	46°3	48°3	49°6	50°6	51°1
Nov.	44°0	43°9	44°2	44°0	43°8	43°8	43°7	43°2	43°9	43°6	44°0	46°0	46°5
Dec.	41°2	41°3	41°1	41°3	41°2	41°4	41°5	41°6	41°9	42°3	43°2	44°3	44°4
Year	47°3	47°2	47°0	46°8	46°5	46°5	46°9	48°0	49°0	50°3	51°1	52°1	52°4

TABLE VIII.—HOURLY and DAILY MEAN DIFFERENCE between the DRY

1887.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan.	1°4	1°4	1°7	1°5	1°5	1°4	1°5	1°5	1°6	1°6	1°8	1°8	2°0
Feb.	1°7	1°6	1°7	1°6	1°6	1°7	1°6	1°7	1°7	1°9	2°1	2°4	2°7
March	1°8	1°8	1°8	1°6	1°5	1°5	1°5	1°6	2°0	2°5	3°1	3°4	3°7
April	2°6	2°7	2°5	2°3	2°4	2°3	2°3	2°7	3°3	3°7	4°1	4°5	5°0
May	1°4	1°5	1°7	1°6	1°5	1°4	1°7	2°3	3°0	3°5	4°1	4°4	4°5
June	2°6	2°5	2°3	2°3	2°3	2°3	2°9	4°1	5°2	6°0	5°9	6°0	6°1
July	1°8	1°8	1°6	1°5	1°4	1°4	2°0	3°1	4°3	5°6	6°6	6°7	6°3
August	2°0	2°1	1°9	1°8	1°8	1°5	1°9	2°7	3°8	4°9	5°4	5°9	6°3
Sept.	2°0	2°0	1°9	1°7	1°6	1°5	1°6	1°8	2°6	3°4	3°8	4°2	4°6
Oct.	2°5	2°4	2°4	2°5	2°4	2°5	2°6	2°5	2°6	3°3	3°7	3°9	4°6
Nov.	2°2	2°2	2°4	2°2	2°1	2°1	2°2	2°1	2°1	2°3	2°8	3°0	3°3
Dec.	1°9	2°1	2°0	2°0	2°1	1°9	2°0	1°8	1°9	2°1	2°3	2°6	2°8
Year	2°0	2°0	2°0	1°9	1°9	1°8	2°0	2°3	2°8	3°4	3°8	4°1	4°3

LAT. 50° 9' N. LONG. 5° 4' W.

PRESSURE for each CALENDAR MONTH and for the YEAR.
above Mean Sea Level.

P.M.											Midt.	Daily Means (Month).	1887.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
ins. 29°800	ins. 29°790	ins. 29°787	ins. 29°788	ins. 29°790	ins. 29°795	ins. 29°797	ins. 29°803	ins. 29°804	ins. 29°803	ins. 29°799	ins. 29°796	ins. 29°802	Jan.
30°119	30°110	30°105	30°105	30°107	30°113	30°118	30°122	30°124	30°128	30°129	30°130	30°113	Feb.
29°920	29°910	29°903	29°896	29°894	29°897	29°901	29°901	29°898	29°892	29°886	29°882	29°903	March.
29°840	29°836	29°829	29°828	29°828	29°831	29°837	29°847	29°851	29°851	29°849	29°846	29°837	April.
29°885	29°883	29°879	29°876	29°873	29°871	29°871	29°874	29°880	29°878	29°874	29°869	29°876	May.
30°025	30°022	30°019	30°016	30°011	30°012	30°013	30°016	30°025	30°029	30°028	30°025	30°016	June.
29°891	29°888	29°887	29°884	29°882	29°881	29°883	29°885	29°892	29°894	29°892	29°888	29°888	July.
29°821	29°818	29°812	29°809	29°806	29°805	29°805	29°815	29°817	29°817	29°811	29°807	29°814	August.
29°786	29°782	29°775	29°771	29°770	29°775	29°780	29°787	29°787	29°787	29°785	29°781	29°777	Sept.
29°966	29°959	29°952	29°949	29°950	29°955	29°957	29°954	29°953	29°948	29°938	29°935	29°958	Oct.
29°500	29°493	29°492	29°495	29°498	29°507	29°507	29°509	29°511	29°512	29°512	29°517	29°497	Nov.
29°718	29°710	29°708	29°711	29°713	29°717	29°720	29°724	29°727	29°729	29°728	29°725	29°724	Dec.
29°856	29°850	29°846	29°844	29°844	29°847	29°849	29°853	29°856	29°856	29°853	29°850	29°850	Year.

TEMPERATURE for each CALENDAR MONTH and for the YEAR.
feet above Ground.

P.M.											Midt.	Daily Means (Month).	1887.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
44°1	44°3	44°3	43°5	43°2	42°6	42°5	42°4	42°2	42°0	41°9	41°8	42°3	Jan.
44°1	44°4	44°3	43°9	43°3	42°5	42°0	41°7	41°6	41°5	41°4	41°3	42°1	Feb.
43°8	44°1	44°3	43°8	43°1	42°2	41°0	40°3	40°1	39°9	39°6	39°6	40°7	March.
48°3	48°3	48°5	48°0	47°3	46°3	44°8	43°3	42°5	42°0	41°4	41°2	44°0	April.
54°0	53°7	53°8	53°4	52°7	51°7	50°7	49°5	48°9	48°5	48°2	48°0	50°0	May.
64°4	64°4	64°6	64°3	64°3	63°4	62°3	60°0	57°9	56°8	56°3	55°9	59°8	June.
68°2	67°7	67°7	67°1	66°6	65°3	64°0	62°3	60°6	59°7	59°4	59°0	62°9	July.
66°0	65°5	65°6	64°8	63°9	62°8	61°3	59°4	58°4	57°7	57°3	56°9	60°5	August.
58°4	58°5	57°9	57°6	57°1	55°9	54°5	53°6	53°2	52°9	52°7	52°6	54°7	Sept.
51°7	51°8	51°5	50°7	49°6	48°6	47°9	47°6	47°5	47°2	47°2	46°6	48°1	Oct.
46°9	46°9	46°6	45°6	44°7	44°2	44°1	43°7	43°6	43°5	43°6	43°8	44°5	Nov.
44°7	44°5	44°1	43°3	42°6	41°9	41°8	41°4	41°4	41°1	41°4	41°0	42°2	Dec.
52°9	52°8	52°8	52°2	51°5	50°6	49°7	48°8	48°2	47°7	47°5	47°3	49°3	Year.

and WET-BULB THERMOMETERS, for each CALENDAR MONTH and for the YEAR.

P.M.											Midt.	Daily Means (Month).	1887.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
1°9	2°1	2°0	1°7	1°7	1°6	1°4	1°5	1°4	1°4	1°3	1°3	1°6	Jan.
2°8	3°0	2°9	2°7	2°4	2°0	1°8	1°8	1°7	1°7	1°6	1°7	2°0	Feb.
3°6	3°8	3°8	3°8	3°5	3°1	2°6	2°2	2°1	2°0	1°9	1°9	2°5	March.
5°0	5°3	5°4	5°3	4°9	4°4	3°8	3°2	2°9	2°8	2°6	2°4	3°5	April.
4°6	4°7	4°6	4°3	3°8	3°3	2°7	2°0	1°8	1°7	1°4	1°4	2°7	May.
6°2	6°2	6°4	6°4	6°5	6°2	5°4	4°2	3°2	2°8	2°8	2°7	4°3	June.
7°1	7°1	7°0	6°9	6°4	5°7	4°7	3°7	2°6	2°2	1°9	1°8	4°0	July.
7°0	6°8	6°6	6°4	5°9	5°3	4°5	3°2	2°6	2°4	2°1	2°1	3°9	August.
4°2	4°3	3°9	3°9	3°8	3°4	2°7	2°3	2°2	2°2	2°0	2°0	2°8	Sept.
4°6	4°7	4°4	4°1	3°5	3°1	2°7	2°7	2°6	2°6	2°6	2°5	3°1	Oct.
3°4	3°6	3°3	2°9	2°5	2°3	2°3	2°3	2°0	2°0	1°8	2°0	2°5	Nov.
2°9	2°8	2°7	2°4	2°1	2°0	2°0	1°9	2°0	1°9	2°1	2°1	2°1	Dec.
4°4	4°5	4°4	4°2	3°9	3°5	3°1	2°6	2°3	2°1	2°0	2°0	2°9	Year.

FALMOUTH OBSERVATORY

TABLE IX.—MEAN HOURLY and DAILY WIND

1887.	A.M.																						Noon.																									
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.																									
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.																								
January	-	2'7	-	3'6	-	1'0	-	4'3	-	0'5	-	2'5	-	0'7	-	3'1	-	1'4	-	3'5	-	1'7	-	3'3	-	2'4	-	3'8	-	1'8	-	2'8	-	2'1	-	2'6	-	4'6	-	1'8	-	4'7	-	3'4	-	4'9	-	4'5
February	-	3'1	+	0'3	-	3'5	0'0	-	3'6	0'4	-	4'2	0'2	-	4'8	0'4	-	3'7	0'7	-	3'5	1'1	-	3'1	1'0	-	2'8	1'7	-	3'4	0'9	-	3'7	0'5	-	3'0	0'4	-	3'7	0'5	-	3'0	0'4					
March	+	0'6	-	1'8	+	0'4	-	2'1	1'6	-	2'7	3'2	-	3'4	3'3	-	1'7	3'0	-	1'7	3'4	-	1'4	3'6	-	0'4	3'4	-	1'3	3'0	-	1'2	2'8	-	0'2	1'7	-	0'6	1'7	-	0'6	1'7	-	0'6				
April	+	6'0	-	0'6	+	6'0	-	1'3	5'8	-	1'0	5'8	-	0'4	5'4	-	0'5	4'9	-	0'2	4'2	-	0'6	3'9	-	1'9	3'5	-	0'6	3'1	-	0'4	2'1	-	0'7	1'1	-	0'6	1'1	-	0'6	1'1	-	0'6				
May	+	6'9	-	4'0	+	6'7	-	3'3	7'4	-	3'0	8'4	-	3'3	7'3	-	2'8	7'3	-	2'8	7'5	-	2'9	8'4	-	2'4	8'2	-	1'8	9'1	-	1'7	8'1	-	1'5	7'1	-	2'5	7'1	-	2'5	7'1	-	2'5				
June	+	1'1	-	0'4	+	1'8	-	0'8	2'6	-	0'8	2'0	+	0'4	1'7	1'0	+	0'6	1'3	+	0'6	1'4	+	0'9	2'9	-	0'1	3'1	-	2'2	3'6	-	1'7	2'8	-	2'5	2'4	-	2'5	2'4	-	2'5						
July	+	0'4	-	4'0	+	0'5	-	4'8	0'1	-	4'6	0'1	-	4'3	0'5	-	4'0	1'2	-	4'6	1'3	-	4'7	0'7	-	4'4	1'4	-	4'8	2'7	-	4'2	2'7	-	6'2	3'5	-	5'7	3'5	-	5'7							
August	+	1'9	-	2'9	+	1'6	-	2'8	2'4	-	3'3	2'5	-	2'5	2'1	-	2'8	2'4	-	2'2	1'9	-	1'8	2'3	-	1'9	1'3	-	1'2	1'0	-	1'0	0'3	-	0'5	0'4	-	2'0	0'4	-	2'0							
September	+	0'6	-	5'3	+	0'9	-	4'9	0'5	-	4'9	1'2	-	4'7	1'1	-	3'5	0'6	-	4'9	1'4	-	5'3	2'1	-	4'5	1'6	-	5'3	1'1	-	5'2	0'9	-	4'7	0'7	-	4'2	0'7	-	4'2							
October	+	4'9	-	2'0	+	4'5	-	1'7	4'0	-	2'4	3'0	-	2'6	4'4	-	2'0	3'8	-	2'2	4'2	-	2'0	5'3	-	2'3	6'3	-	2'0	6'1	-	1'5	3'1	-	1'2	3'6	-	2'3	3'6	-	2'3							
November	+	1'0	-	2'9	+	0'3	-	2'3	0'3	-	2'6	0'8	-	2'9	0'4	-	2'7	0'1	-	2'1	1'7	-	2'6	1'9	-	3'4	2'5	-	3'5	1'9	-	3'5	2'6	-	3'6	2'2	-	2'8	2'2	-	2'8							
December	+	0'7	-	7'6	+	0'9	-	7'8	1'1	-	7'9	0'5	-	7'5	1'1	-	7'7	0'3	-	7'3	0'3	-	7'0	0'8	-	7'7	0'9	-	7'9	1'4	-	7'9	2'1	-	8'2	3'8	-	8'8	3'8	-	8'8							
Year	+	1'5	-	2'9	+	1'6	-	3'0	1'8	-	3'0	1'8	-	2'9	1'6	-	2'5	1'3	-	2'4	1'5	-	2'5	2'0	-	2'3	1'8	-	2'2	1'2	-	1'9	0'7	-	2'2	0'4	-	2'5	0'4	-	2'5							

TABLE X.—NUMBER of HOURS in which RAIN fell, and the

Rain-gauge 2 feet above Ground;

1887.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.
January	5	in. '165	3	in. '105	4	in. '085	3	in. '070	5	in. '080	7	in. '085	5	in. '140	3	in. '040	6	in. '080	7	in. '065	5	in. '055	7	in. '085
February	4	'070	2	'050	3	'055	2	'050	2	'010	1	'155	2	'035	3	'020	2	'055	3	'070	4	'185	2	'085
March	—	—	—	—	1	'020	3	'045	3	'145	2	'170	4	'075	4	'075	3	'040	—	—	3	'045	3	'050
April	2	'100	—	—	2	'085	2	'015	—	—	1	'030	2	'035	1	'010	2	'055	3	'135	1	'070	2	'075
May	2	'035	3	'085	4	'055	2	'015	4	'070	1	'010	3	'040	4	'055	3	'110	3	'065	2	'050	2	'095
June	—	—	1	'005	1	'005	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
July	1	'010	2	'165	4	'140	4	'055	—	—	—	—	1	'020	3	'020	2	'015	2	'040	1	'010	1	'005
August	4	'245	2	'035	—	—	1	'045	—	—	1	'005	—	—	1	'010	1	'050	3	'040	1	'010	2	'055
September	4	'150	6	'200	6	'225	5	'195	7	'195	5	'315	9	'555	8	'400	4	'140	7	'095	2	'025	4	'065
October	2	'180	4	'100	3	'050	3	'110	1	'020	2	'105	2	'030	4	'060	4	'035	5	'085	4	'195	4	'295
November	7	'150	3	'025	3	'160	3	'245	6	'260	6	'390	4	'100	5	'200	5	'310	6	'305	4	'080	5	'145
December	5	'065	5	'085	7	'125	3	'080	4	'115	7	'250	5	'300	6	'180	3	'105	4	'075	6	'100	6	'145
Year	36	1'150	31	0'855	38	0'985	32	0'930	38	0'895	33	1'515	37	1'330	42	1'070	35	0'995	43	0'975	33	0'825	38	1'100

NOTE.—In estimating the number of DAYS on which RAIN fell, those on
 * This total exceeds the sum of the hourly totals by an amount of rain which was measured.

LAT. 50° 9' N. LONG. 5° 4' W.

COMPONENTS for each CALENDAR MONTH and for the YEAR.

P.M.																					Midt.		Daily Means (Month).		1887.	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.		E.
- 5'8	- 4'2	- 5'7	- 5'0	- 5'1	- 4'0	- 4'5	- 3'7	- 4'8	- 3'8	- 3'3	- 3'7	- 3'5	- 3'5	- 3'1	- 3'1	- 3'3	- 3'4	- 1'9	- 2'6	- 2'8	- 2'8	- 3'1	- 3'6	- 3'1	- 3'4	January.
- 2'7	- 0'2	- 2'0	- 0'8	- 1'2	+ 0'2	- 1'7	+ 1'3	- 1'3	+ 1'4	- 1'7	+ 1'0	- 1'9	+ 1'1	- 1'5	+ 1'2	- 1'5	+ 0'8	- 1'8	+ 1'4	- 1'5	+ 0'9	- 1'6	+ 1'3	- 2'6	+ 0'7	February.
+ 2'3	+ 0'7	+ 1'4	+ 1'4	+ 1'6	+ 0'6	+ 2'3	- 1'0	+ 3'3	- 1'7	+ 3'0	- 0'5	+ 2'1	- 0'3	+ 1'6	- 0'1	+ 2'1	- 0'9	+ 1'7	- 0'3	+ 2'1	- 0'8	+ 1'8	- 2'0	+ 2'3	- 0'9	March.
+ 0'8	- 0'5	+ 1'5	- 1'8	+ 3'6	- 2'0	+ 4'9	- 3'3	+ 5'6	- 3'3	+ 4'7	- 2'8	+ 5'3	- 2'0	+ 4'9	- 1'3	+ 5'3	- 1'6	+ 5'1	- 1'9	+ 4'7	- 1'4	+ 5'6	- 0'5	+ 4'3	- 1'3	April.
+ 6'8	- 2'8	+ 7'7	- 4'3	+ 8'0	- 5'3	+ 8'7	- 5'3	+ 8'4	- 5'3	+ 8'2	- 5'7	+ 7'8	- 5'5	+ 7'1	- 5'2	+ 7'5	- 4'7	+ 6'7	- 4'5	+ 5'6	- 4'2	+ 5'7	- 3'9	+ 7'6	- 3'7	May.
- 3'0	+ 2'5	- 3'6	+ 1'1	- 2'5	- 0'1	- 2'3	- 0'3	- 2'4	- 0'1	- 0'5	- 0'9	+ 1'5	- 1'0	+ 1'4	- 0'0	+ 1'1	- 0'2	+ 0'7	- 0'8	+ 0'8	- 0'8	+ 0'8	- 0'6	- 0'1	+ 0'6	June.
- 5'0	- 6'8	- 3'0	- 8'2	- 2'8	- 8'8	- 2'3	- 8'5	- 1'8	- 8'1	- 1'3	- 8'2	+ 0'8	- 7'5	+ 0'6	- 5'9	- 0'1	- 5'5	+ 0'6	- 5'9	+ 0'7	- 5'6	+ 1'1	- 5'1	- 1'1	- 5'9	July.
- 0'2	- 2'3	- 0'9	- 2'4	+ 0'3	- 2'6	+ 2'3	- 3'7	+ 3'0	- 3'5	+ 3'6	- 4'0	+ 3'3	- 3'1	+ 2'3	- 2'8	+ 1'5	- 3'2	+ 1'5	- 2'8	+ 1'2	- 2'9	+ 1'6	- 2'9	+ 1'6	- 2'5	August.
- 2'7	- 5'6	- 1'6	- 5'6	- 1'0	- 5'7	- 1'1	- 5'0	- 0'5	- 5'8	+ 1'7	- 5'5	+ 0'8	- 4'1	+ 1'0	- 4'3	+ 0'8	- 4'0	+ 1'4	- 4'6	+ 1'1	- 4'6	+ 1'3	- 4'6	+ 0'5	- 4'9	September.
+ 3'3	- 1'5	+ 3'8	- 2'3	+ 2'6	- 2'3	+ 4'1	- 2'5	+ 4'1	- 2'3	+ 4'2	- 1'8	+ 3'8	- 2'2	+ 3'1	- 1'2	+ 2'7	- 1'0	+ 1'1	- 0'1	+ 1'4	- 0'8	+ 3'5	- 1'7	+ 3'8	- 1'8	October.
+ 1'7	- 3'2	+ 1'2	- 2'3	+ 1'3	- 2'4	+ 0'9	- 1'9	+ 1'5	- 1'6	+ 2'1	- 2'0	+ 1'9	- 2'2	+ 2'6	- 2'9	+ 2'2	- 3'0	+ 3'0	- 3'4	+ 2'7	- 4'2	+ 3'1	- 3'9	+ 1'5	- 2'8	November.
+ 2'2	- 9'4	+ 2'1	- 8'4	+ 2'8	- 8'5	+ 2'0	- 7'9	+ 1'4	- 7'3	+ 3'2	- 7'1	+ 3'4	- 7'2	+ 3'0	- 6'8	+ 3'0	- 6'2	+ 1'9	- 6'4	+ 2'1	- 6'4	+ 1'7	- 6'1	+ 1'8	- 7'5	December.
- 0'2	- 2'8	+ 0'1	- 3'2	+ 0'6	- 3'4	+ 1'1	- 3'5	+ 1'4	- 3'5	+ 2'0	- 3'4	+ 2'1	- 3'1	+ 1'9	- 2'7	+ 1'8	- 2'7	+ 1'7	- 2'7	+ 1'5	- 2'8	+ 1'8	- 2'8	+ 1'4	- 2'8	Year.

TOTAL AMOUNTS of RAINFALL MEASURED, for each HOUR, and CALENDAR MONTH, and for the YEAR.

169 feet above Mean Sea Level.

P.M.																							Midt.		Monthly Totals.		1887.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Rainy Days.	Amount.		
6	in. '140	7	in. '170	7	in. '150	7	in. '225	8	in. '225	7	in. '155	8	in. '175	7	in. '220	5	in. '175	6	in. '105	6	in. '190	6	in. '205	19	in. 5'130	January.	
2	'010	1	'010	1	'005	2	'015	1	'015	4	'025	3	'020	4	'060	3	'025	2	'045	3	'065	3	'025	10	1'160	February.	
2	'020	3	'035	1	'010	3	'015	2	'015	4	'050	2	'105	3	'190	2	'290	3	'205	2	'150	3	'030	11	1'780	March.	
2	'050	4	'070	1	'020	3	'020	—	—	3	'020	1	'010	2	'020	2	'025	6	'055	1	'020	2	'030	8	0'950	April.	
2	'055	4	'065	3	'150	2	'060	4	'120	5	'105	4	'045	4	'105	2	'055	3	'225	3	'170	3	'085	14	1'025	May.	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	1	'015	2	'015	3	0'050	June.	
1	'005	2	'130	3	'325	1	'140	1	'035	—	—	5	'160	2	'190	2	'040	5	'125	2	'055	2	'010	12	1'725	July.	
3	'035	1	'005	3	'080	3	'100	2	'015	1	'020	1	'030	3	'235	2	'210	4	'055	5	'130	5	'155	10	1'565	August.	
5	'105	3	'095	5	'170	7	'495	6	'110	5	'240	4	'045	3	'045	2	'025	4	'075	5	'075	3	'145	20	4'165	September.	
4	'175	2	'085	3	'105	5	'085	5	'275	5	'170	5	'308	4	'320	5	'475	4	'565	4	'230	4	'450	10	4'488	October.	
2	'015	4	'105	4	'150	4	'435	5	'175	6	'112	6	'158	8	'305	7	'210	8	'280	6	'140	3	'075	19	4'530	November.	
6	'105	5	'220	7	'245	8	'155	10	'315	10	'425	10	'235	7	'100	6	'165	12	'390	8	'070	4	'080	19	4'225	December.	
35	0'715	36	0'990	38	1'410	45	1'745	44	1'300	50	1'322	49	1'291	47	1'790	38	1'695	58	2'130	46	1'250	40	1'305	155	29'693	Year.	

which a fall of less than 0'01 in. was measured have been disregarded.
but which, owing to failure of the trace, could not be allocated to the hours at which it fell.

KEW OBSERVATORY

TABLE XI.—NUMBER of OBSERVATIONS of WIND, and the MEAN VELOCITY, referred to Eight Points, for each
each HOUR and for the DAY; and the MAXIMUM VELOCITY
JANUARY 1887.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	0	—	0	—	0	—	0	—	0	—	2	7	3	10	2	10	2	12	2	11	2	11	2	12
NE	1	16	1	17	1	15	1	19	1	21	1	17	1	21	0	—	0	—	1	24	0	—	0	—
E	1	14	1	13	1	10	1	7	0	—	0	—	0	—	1	22	1	23	0	—	1	27	1	24
SE	1	17	2	13	1	10	3	11	5	12	3	11	3	12	1	8	1	10	1	21	0	—	0	—
S	7	11	6	10	7	10	4	12	4	9	5	11	4	13	6	13	5	16	5	15	7	15	8	14
SW	2	10	2	8	3	10	4	9	5	11	4	11	5	8	6	11	6	10	4	11	6	12	3	16
W	2	9	1	9	2	9	1	11	1	11	1	14	1	12	1	11	2	14	3	13	3	13	3	14
NW	1	13	1	12	1	18	2	16	3	11	2	14	0	—	0	—	0	—	0	—	0	—	0	—
Calms	16	—	17	—	15	—	15	—	12	—	13	—	14	—	14	—	14	—	15	—	12	—	14	—
Mean Velocity irrespective of Direction	—	6	—	5	—	6	—	6	—	7	—	7	—	6	—	6	—	7	—	7	—	8	—	8

FEBRUARY.

N	2	9	5	11	2	9	2	16	1	11	3	13	2	15	2	10	3	10	2	14	2	14	3	11
NE	5	13	5	12	7	14	6	13	8	13	8	12	7	14	7	16	7	16	8	18	5	19	6	18
E	3	11	2	13	1	15	1	11	1	6	1	7	1	7	1	18	1	17	1	12	3	17	2	20
SE	1	8	0	—	0	—	1	6	0	—	0	—	1	6	1	6	0	—	1	6	1	11	1	10
S	1	11	1	11	1	10	2	17	2	16	1	21	0	—	0	—	1	9	2	17	3	18	2	18
SW	7	18	7	17	6	20	5	19	5	20	7	16	8	17	9	16	8	17	7	18	8	17	6	22
W	1	6	1	6	0	—	0	—	0	—	0	—	1	8	0	—	0	—	0	—	1	6	2	9
NW	0	—	0	—	0	—	0	—	0	—	0	—	1	6	1	6	0	—	0	—	0	—	1	21
Calms	8	—	9	—	11	—	11	—	11	—	8	—	7	—	7	—	8	—	7	—	5	—	5	—
Mean Velocity irrespective of Direction	—	9	—	9	—	9	—	9	—	9	—	10	—	10	—	11	—	11	—	12	—	14	—	14

MARCH.

N	4	11	3	11	3	9	5	10	1	9	5	9	4	12	5	10	3	12	4	14	2	15	3	11
NE	5	12	4	13	5	12	3	14	5	11	3	13	5	12	6	13	5	16	5	15	9	16	6	15
E	2	9	2	14	1	22	1	13	3	14	2	11	2	14	2	16	4	13	4	11	2	14	4	15
SE	1	14	1	13	1	14	2	13	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
S	2	15	2	17	2	21	1	25	2	21	1	17	1	15	0	—	0	—	0	—	0	—	1	22
SW	4	12	3	12	1	14	4	12	3	12	3	22	3	23	3	24	4	11	2	16	2	18	0	—
W	1	9	2	11	3	12	1	14	2	13	3	14	2	16	3	16	4	27	6	10	7	20	7	17
NW	1	15	1	13	2	9	1	11	1	12	1	11	1	11	2	13	3	15	3	16	3	16	6	14
Calms	11	—	13	—	13	—	13	—	14	—	13	—	13	—	10	—	8	—	7	—	6	—	4	—
Mean Velocity irrespective of Direction	—	8	—	7	—	7	—	7	—	7	—	8	—	8	—	10	—	12	—	12	—	14	—	13

APRIL.

N	6	17	6	16	8	14	8	15	7	15	6	19	10	21	6	22	7	21	7	17	8	20	8	21
NE	7	14	7	14	6	14	5	13	5	17	7	16	5	14	7	16	7	18	8	22	7	22	6	22
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	27
SE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	9
S	6	11	5	9	3	11	3	11	2	13	3	12	5	13	3	21	2	25	3	13	2	17	2	30
SW	3	8	5	9	6	9	3	11	5	10	6	9	4	11	4	13	5	16	5	22	6	18	5	16
W	1	6	2	12	0	—	1	6	1	6	0	—	1	6	4	9	3	10	2	14	4	13	3	14
NW	1	13	1	9	3	13	2	18	2	18	2	7	1	10	2	10	3	9	3	10	2	10	3	11
Calms	6	—	4	—	4	—	8	—	8	—	6	—	6	—	4	—	3	—	2	—	1	—	1	—
Mean Velocity irrespective of Direction	—	10	—	11	—	11	—	10	—	10	—	11	—	13	—	14	—	15	—	17	—	18	—	18

LAT. 51° 28' N. LONG. 0° 19' W.

Hour and for the Day, for each CALENDAR MONTH. Also the MEAN VELOCITY irrespective of DIRECTION for observed during the MONTH from each of the Eight Points.

JANUARY 1887.

P.M.																					Midt.		Monthly Totals and Means.		Maximum Velocity.	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.		V.
2	10	2	10	2	8	2	9	2	7	2	7	0	—	1	6	1	8	2	8	2	8	1	11	34	9	17
1	22	1	23	0	—	0	—	1	24	0	—	0	—	0	—	0	—	0	—	0	—	0	—	11	20	24
0	—	0	—	1	25	2	16	1	6	2	15	1	22	1	22	1	16	1	17	1	14	1	12	20	17	27
0	—	0	—	0	—	0	—	1	8	2	7	2	7	2	8	2	9	1	15	1	7	1	16	33	11	22
8	14	8	13	8	13	8	12	7	13	8	14	9	13	9	12	7	15	8	13	8	13	9	11	165	13	34
5	12	3	17	4	14	4	11	3	15	3	11	3	15	2	20	4	14	4	14	4	12	2	8	91	12	27
4	12	3	13	6	10	5	11	5	9	3	10	3	8	3	8	3	9	2	9	3	9	3	8	64	10	21
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	16	11	14	21
11	—	14	—	10	—	10	—	11	—	11	—	13	—	13	—	13	—	13	—	12	—	13	—	315	—	—
—	8	—	8	—	8	—	8	—	8	—	8	—	7	—	7	—	7	—	7	—	7	—	6	—	7	—

FEBRUARY.

2	11	3	14	3	15	2	8	1	9	1	7	0	—	0	—	0	—	1	11	2	12	2	12	44	12	25
5	18	7	19	6	21	8	20	7	19	7	18	7	17	8	15	7	15	6	17	4	14	5	13	156	16	28
3	17	0	—	2	15	2	16	3	20	3	18	4	13	3	13	4	12	5	11	5	13	4	12	56	14	30
1	11	2	9	2	11	1	6	1	6	1	8	1	9	1	6	1	8	0	—	0	—	0	—	18	8	12
2	20	2	19	2	20	2	20	2	20	2	18	1	11	1	7	1	17	1	11	1	9	1	12	34	16	31
6	21	6	20	5	21	6	21	6	18	6	18	7	17	7	14	6	16	5	20	8	16	6	19	157	18	36
1	7	1	8	2	17	0	—	1	9	1	6	0	—	1	21	1	16	2	10	0	—	0	—	16	10	24
2	21	2	19	2	15	2	12	2	10	2	7	2	8	2	7	2	6	0	—	0	—	0	—	21	11	23
6	—	5	—	4	—	5	—	5	—	5	—	6	—	5	—	6	—	8	—	8	—	10	—	170	—	—
—	14	—	14	—	15	—	14	—	14	—	13	—	12	—	11	—	11	—	10	—	10	—	9	—	11	—

MARCH.

5	16	4	14	3	17	3	11	2	11	3	13	1	6	2	15	1	13	3	14	5	11	4	11	78	12	25
4	17	5	17	5	16	6	13	6	15	5	13	7	12	7	11	6	12	4	11	2	10	2	17	120	14	28
5	13	6	13	7	13	6	15	6	13	5	15	5	14	3	11	3	14	2	12	4	14	4	12	85	13	24
0	—	0	—	1	6	0	—	0	—	0	—	0	—	1	11	1	8	2	10	1	14	1	16	12	12	16
0	—	1	22	0	—	0	—	0	—	0	—	1	13	1	11	2	15	1	7	2	13	1	21	21	17	31
3	16	1	8	0	—	1	25	2	17	1	15	2	14	2	15	2	12	3	12	3	10	2	9	54	15	43
4	23	6	18	7	19	6	17	4	13	5	15	4	16	5	14	4	16	3	16	3	13	4	13	96	17	40
8	12	5	13	5	13	5	16	6	17	4	17	3	14	3	9	0	—	2	21	0	—	2	10	68	14	26
2	—	3	—	3	—	4	—	5	—	8	—	8	—	7	—	12	—	11	—	11	—	11	—	210	—	—
—	14	—	14	—	14	—	13	—	12	—	11	—	10	—	9	—	8	—	8	—	8	—	8	—	10	—

APRIL.

7	23	8	23	6	20	7	16	7	22	6	17	5	16	5	17	8	15	5	13	8	14	7	15	166	18	38
6	20	7	19	7	26	5	28	5	22	6	23	8	20	7	19	5	13	10	16	8	13	6	16	155	18	38
1	15	1	11	3	16	4	16	4	14	3	12	2	14	2	13	2	10	0	—	0	—	0	—	23	14	27
0	—	0	—	0	—	0	—	0	—	0	—	1	11	0	—	0	—	0	—	0	—	1	9	3	10	11
4	20	2	22	2	22	4	20	5	18	4	19	5	17	5	13	2	14	4	11	2	8	0	—	78	15	32
4	20	6	22	6	19	4	19	3	18	4	16	1	20	4	11	6	11	5	11	6	11	7	10	113	14	32
3	15	3	15	2	18	3	12	4	10	2	10	2	12	1	13	1	11	1	7	1	6	0	—	45	11	18
4	11	2	10	3	12	3	14	1	9	2	10	2	7	1	12	0	—	1	6	0	—	0	—	44	11	29
1	—	1	—	1	—	0	—	1	—	3	—	4	—	5	—	6	—	4	—	5	—	9	—	93	—	—
—	18	—	19	—	19	—	18	—	17	—	15	—	14	—	13	—	11	—	11	—	10	—	14	—	—	—

KEW.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and

MAY 1887.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	11	12	9	11	7	13	9	12	8	12	8	12	8	14	9	16	11	14	8	15	13	16	10	16
NE	4	10	7	11	7	10	6	9	7	10	7	12	7	14	7	14	4	16	5	18	3	24	5	17
E	0	—	0	—	0	—	0	—	0	—	1	6	1	6	0	—	1	19	3	17	3	22	1	32
SE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
S	1	30	1	8	1	7	1	7	1	6	1	7	0	—	0	—	0	—	0	—	1	11	1	14
SW	3	7	3	19	3	20	3	13	3	16	3	14	3	18	3	11	3	15	3	10	3	30	3	18
W	4	9	6	8	5	9	3	9	3	8	3	14	3	7	4	16	5	14	4	17	3	22	3	21
NW	0	—	0	—	0	—	1	8	1	10	2	12	4	11	3	11	5	10	7	10	7	11	6	20
Calms	8	—	6	—	9	—	8	—	8	—	7	—	6	—	6	—	3	—	3	—	3	—	3	—
Mean Velocity irrespective of Direction	—	8	—	9	—	8	—	8	—	8	—	9	—	11	—	12	—	13	—	13	—	15	—	15

JUNE.

N	5	9	6	9	7	10	4	9	3	9	4	9	9	10	3	6	9	11	4	14	6	13	5	14
NE	8	10	8	11	4	10	7	10	8	10	9	11	7	12	13	11	6	11	9	12	9	15	8	12
E	1	6	0	—	0	—	1	6	1	9	2	10	1	13	1	13	1	19	3	13	1	14	4	17
SE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
S	1	7	1	9	0	—	1	9	1	12	1	12	0	—	0	—	2	16	0	—	0	—	0	—
SW	6	8	3	7	7	8	6	7	5	8	6	8	4	10	8	10	3	10	6	11	6	15	5	14
W	0	—	1	6	0	—	0	—	1	8	2	7	4	9	3	9	4	9	5	10	4	9	5	10
NW	0	—	0	—	0	—	0	—	0	—	0	—	1	12	1	6	3	10	3	7	3	7	1	7
Calms	9	—	11	—	12	—	11	—	12	—	6	—	4	—	3	—	3	—	1	—	1	—	3	—
Mean Velocity irrespective of Direction	—	6	—	6	—	6	—	5	—	6	—	8	—	9	—	9	—	10	—	11	—	13	—	12

JULY.

N	2	11	2	11	3	10	1	8	1	8	2	7	1	12	6	11	5	9	4	11	3	14	3	11
NE	1	7	1	6	1	8	0	—	1	10	1	11	2	11	3	11	3	10	2	8	1	14	3	12
E	0	—	0	—	0	—	1	12	0	—	0	—	0	—	0	—	0	—	1	15	1	18	1	16
SE	0	—	0	—	0	—	0	—	0	—	0	—	1	11	0	—	0	—	0	—	0	—	0	—
S	5	11	3	13	4	15	2	13	3	12	2	11	1	13	4	14	4	13	4	12	4	21	5	14
SW	8	8	8	8	7	9	7	9	7	10	10	9	9	13	8	14	8	16	9	18	9	14	9	18
W	0	—	1	9	0	—	0	—	0	—	1	8	2	12	3	10	3	14	4	8	4	14	1	9
NW	1	7	1	6	1	7	0	—	0	—	2	9	4	9	3	7	3	10	3	12	3	14	6	10
Calms	14	—	15	—	16	—	20	—	20	—	13	—	11	—	7	—	7	—	4	—	6	—	3	—
Mean Velocity irrespective of Direction	—	5	—	5	—	5	—	4	—	4	—	5	—	7	—	9	—	10	—	11	—	12	—	12

AUGUST.

N	3	9	3	10	4	12	1	11	1	11	3	9	2	10	4	12	4	10	3	12	2	15	5	9
NE	0	—	1	9	1	10	2	10	2	8	1	11	1	10	2	8	2	12	3	10	3	15	3	12
E	1	11	0	—	0	—	1	8	1	6	1	11	3	9	2	10	2	12	3	12	4	10	4	11
SE	0	—	0	—	1	8	0	—	0	—	0	—	0	—	0	—	1	6	3	8	2	10	1	11
S	4	9	2	8	1	10	2	11	1	7	2	15	1	10	1	10	2	9	4	8	3	15	5	8
SW	3	8	5	9	3	10	3	9	3	11	3	7	4	13	6	13	4	15	6	16	7	16	5	17
W	1	12	0	—	1	9	2	8	2	9	1	10	2	8	2	8	5	10	3	8	5	12	3	10
NW	0	—	1	13	1	6	1	11	2	9	1	14	2	15	3	9	4	11	5	10	4	10	4	12
Calms	19	—	19	—	19	—	20	—	19	—	19	—	16	—	11	—	7	—	4	—	2	—	1	—
Mean Velocity irrespective of Direction	—	4	—	4	—	4	—	3	—	3	—	4	—	5	—	7	—	9	—	9	—	12	—	11

KEW.

MEAN VELOCITY, &c. for each CALENDAR MONTH—continued.

MAY 1887.

P.M.																							Midt.		Monthly Totals and Means.		Maximum Velocity.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
11	15	10	13	12	13	7	15	8	15	7	15	8	14	7	12	9	12	10	12	12	11	9	11	221	13	28	
5	18	5	15	5	10	8	15	5	15	5	16	4	15	5	12	8	11	7	11	6	10	7	10	138	13	29	
1	28	2	25	1	24	2	20	4	18	3	15	3	10	3	11	1	6	3	8	1	7	1	8	33	15	32	
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
1	21	1	12	0	—	0	—	0	—	1	12	1	11	1	14	1	12	2	20	2	9	1	30	19	14	50	
1	24	2	15	2	12	2	15	3	13	2	12	1	15	1	24	1	23	1	6	3	14	3	9	51	14	31	
2	21	3	15	5	15	6	12	3	9	1	6	3	9	2	6	5	7	4	9	2	9	3	12	82	12	32	
8	12	6	11	3	12	6	10	8	11	9	11	6	9	6	8	4	8	0	—	2	9	0	—	94	10	18	
2	—	2	—	3	—	0	—	0	—	3	—	5	—	6	—	2	—	4	—	3	—	7	—	106	—	—	
—	15	—	13	—	13	—	14	—	14	—	12	—	10	—	9	—	10	—	10	—	10	—	9	—	—	11	—

JUNE.

7	13	8	12	3	13	6	12	7	12	7	12	8	13	4	11	5	10	4	12	5	9	5	9	132	11	22
6	12	7	14	9	15	8	13	5	12	6	12	2	12	5	12	5	10	7	11	7	10	6	10	160	12	25
4	18	3	20	3	16	4	17	7	15	6	13	8	12	8	11	8	10	4	11	5	9	3	7	70	13	25
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0
0	—	0	—	0	—	0	—	0	—	2	12	2	12	1	11	1	9	1	16	0	—	0	—	14	11	21
7	13	4	15	3	16	4	13	5	12	3	12	3	12	6	10	7	11	5	8	6	8	7	8	125	10	21
3	9	6	11	7	11	6	11	4	13	5	11	5	10	2	8	2	8	4	8	2	8	0	—	74	10	17
2	10	1	7	3	8	1	9	1	12	1	11	0	—	0	—	0	—	0	—	0	—	0	—	19	9	12
1	—	1	—	2	—	1	—	1	—	0	—	2	—	4	—	2	—	5	—	5	—	9	—	108	—	—
—	13	—	13	—	12	—	12	—	13	—	12	—	11	—	9	—	9	—	8	—	7	—	6	—	9	—

JULY.

5	12	5	11	3	13	2	14	3	11	1	18	0	—	1	11	2	9	3	9	3	8	2	7	62	11	18
1	8	2	11	1	14	3	9	1	7	2	11	3	13	1	11	2	8	0	—	2	9	0	—	35	10	15
1	15	0	—	1	16	2	13	4	12	2	12	1	15	4	12	4	10	4	9	0	—	1	7	28	12	18
0	—	0	—	0	—	0	—	1	6	1	10	2	7	1	6	0	—	1	6	1	6	0	—	8	7	11
3	19	6	18	5	16	4	20	8	17	7	12	8	12	8	11	7	10	4	12	3	11	3	13	106	14	20
12	16	10	17	9	19	14	16	7	18	9	16	9	14	9	12	9	11	8	9	8	8	10	8	213	13	29
3	10	5	9	4	11	3	14	4	13	4	13	3	12	1	12	0	—	1	13	1	11	0	—	46	11	22
2	11	0	—	4	11	2	6	2	8	1	11	1	11	2	11	1	7	1	9	2	9	2	9	46	10	17
4	—	3	—	4	—	1	—	1	—	4	—	4	—	4	—	6	—	9	—	11	—	13	—	200	—	—
—	12	—	13	—	13	—	14	—	14	—	12	—	11	—	10	—	8	—	7	—	6	—	5	—	9	—

AUGUST.

2	11	5	11	6	12	6	12	4	11	5	10	4	9	4	8	3	8	3	9	2	10	3	8	81	10	18
2	11	1	9	0	—	0	—	2	13	1	11	2	9	1	7	0	—	1	7	0	—	0	—	31	10	17
5	12	4	12	5	12	4	13	4	14	4	13	2	12	6	10	3	10	3	8	3	7	1	7	65	11	19
2	7	1	11	0	—	0	—	1	11	0	—	1	7	0	—	1	6	0	—	0	—	0	—	13	8	13
5	12	5	14	7	9	6	11	5	11	6	11	7	10	7	10	5	10	5	10	1	20	1	11	87	10	23
5	19	6	15	6	16	5	17	5	14	5	13	3	15	2	10	2	11	2	12	2	13	6	10	100	13	27
2	10	5	9	2	13	2	14	3	13	4	9	1	11	1	6	2	9	2	7	3	7	1	6	55	10	15
7	11	3	13	5	10	2	11	3	9	2	13	2	11	1	13	1	14	1	11	0	—	1	11	56	11	19
1	—	1	—	0	—	6	—	4	—	4	—	9	—	9	—	14	—	14	—	20	—	18	—	256	—	—
—	12	—	12	—	12	—	10	—	11	—	10	—	7	—	6	—	5	—	5	—	3	—	4	—	7	—

KEW.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and

SEPTEMBER 1887.

POINTS.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	4	10	2	8	3	10	3	9	2	9	3	10	3	11	4	11	5	12	4	14	5	14	5	13
NE	3	7	4	8	2	10	3	6	3	7	2	7	2	9	1	8	4	10	4	12	4	14	3	12
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	12	1	12
SE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
S	2	14	2	15	1	9	2	18	1	29	1	34	1	13	1	12	1	15	3	13	2	22	2	19
SW	8	11	7	11	9	13	7	10	7	11	10	10	8	13	11	14	10	16	7	19	10	19	11	16
W	3	7	3	8	3	7	2	8	5	7	1	9	6	7	2	8	3	9	8	10	5	11	3	10
NW	0	—	0	—	1	6	1	7	1	7	0	—	2	7	1	6	2	10	2	10	1	11	3	13
Calms	10	—	12	—	11	—	12	—	11	—	13	—	8	—	10	—	5	—	2	—	2	—	2	—
Mean Velocity irrespective of Direction	—	7	—	6	—	7	—	6	—	6	—	6	—	7	—	8	—	11	—	12	—	15	—	13

OCTOBER.

N	3	10	4	9	4	7	7	7	6	8	5	8	5	7	7	8	6	11	9	12	13	13	9	15
NE	1	7	1	6	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	11
E	0	—	1	19	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
SE	1	17	0	—	1	15	0	—	1	7	0	—	0	—	0	—	0	—	0	—	0	—	0	—
S	1	17	1	17	1	15	1	15	1	11	1	11	0	—	0	—	1	15	0	—	0	—	1	22
SW	3	9	3	8	2	10	4	13	3	14	3	11	4	11	5	9	3	9	3	13	3	12	3	15
W	1	7	1	6	0	—	0	—	1	8	4	12	3	15	2	18	7	12	7	10	5	14	9	11
NW	4	10	4	10	5	10	4	12	5	10	4	10	5	12	5	12	2	20	4	12	7	10	6	11
Calms	17	—	16	—	18	—	15	—	14	—	14	—	14	—	12	—	12	—	8	—	3	—	2	—
Mean Velocity irrespective of Direction	—	5	—	5	—	4	—	5	—	5	—	6	—	6	—	6	—	7	—	8	—	11	—	12

NOVEMBER.

N	4	14	3	14	4	13	5	14	4	14	4	13	4	16	3	11	3	12	2	8	3	15	1	7
NE	6	11	7	10	6	10	6	9	7	10	5	10	5	10	7	12	7	12	9	11	8	13	11	14
E	4	13	5	12	4	12	2	15	2	15	4	11	3	10	3	11	3	10	2	14	2	20	2	17
SE	0	—	0	—	0	—	0	—	0	—	0	—	1	22	1	24	0	—	0	—	1	8	1	10
S	3	17	3	22	3	18	3	17	2	13	2	15	1	11	1	9	3	17	3	18	1	42	2	26
SW	4	13	2	18	4	17	4	19	6	18	6	17	6	16	6	15	4	10	6	13	6	18	6	19
W	3	8	4	9	2	9	2	8	3	8	2	9	3	8	2	9	4	15	2	7	5	12	4	11
NW	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	9	1	9	0	—	0	—
Calms	6	—	6	—	7	—	8	—	6	—	7	—	7	—	7	—	5	—	5	—	4	—	3	—
Mean Velocity irrespective of Direction	—	10	—	10	—	10	—	10	—	11	—	10	—	10	—	10	—	10	—	10	—	14	—	14

DECEMBER.

N	5	10	5	9	4	10	4	9	4	9	5	8	4	8	3	8	3	10	5	7	6	10	4	9
NE	3	10	3	8	2	10	2	12	2	10	2	9	4	9	4	10	2	9	5	9	5	9	6	11
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	10	1	11	0	—	0	—
SE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	7	1	8
S	2	16	2	18	1	17	1	18	2	14	1	16	2	20	2	22	2	24	4	17	3	19	3	25
SW	4	15	3	15	5	15	6	15	7	15	5	15	3	18	2	23	3	18	2	20	2	25	4	17
W	11	11	12	12	11	12	8	12	6	12	11	11	10	11	10	13	10	12	10	12	11	15	9	15
NW	2	8	2	9	2	10	3	12	4	11	3	11	3	11	3	11	2	9	2	9	1	11	1	10
Calms	4	—	4	—	6	—	7	—	6	—	4	—	5	—	7	—	8	—	2	—	2	—	3	—
Mean Velocity irrespective of Direction	—	10	—	10	—	10	—	10	—	10	—	10	—	10	—	10	—	10	—	11	—	12	—	13

KEW.

MEAN VELOCITY, &c. for each CALENDAR MONTH—continued.

SEPTEMBER 1887.

P.M.																						Midt.		Monthly Totals and Means.		Maximum Velocity.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.			
8	12	7	13	7	12	6	12	6	13	5	10	3	9	4	9	4	10	4	11	4	9	4	10	105	11	20
1	9	2	13	2	11	3	13	2	11	3	10	4	12	3	12	3	10	3	8	4	9	3	7	68	10	15
1	13	1	11	1	11	1	10	1	9	1	7	2	9	0	—	0	—	1	8	0	—	0	—	11	10	13
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0
3	20	1	19	3	19	2	20	3	17	1	11	2	16	2	14	4	14	3	15	2	18	2	15	47	17	34
8	10	11	18	12	15	11	16	8	15	10	12	9	11	11	12	8	13	8	12	9	12	8	12	218	14	39
3	12	3	9	4	9	3	10	3	13	4	12	2	9	4	7	3	8	4	8	2	7	2	7	81	9	23
4	12	2	13	1	15	2	13	2	10	2	8	1	7	1	6	2	7	0	—	1	6	0	—	32	10	16
2	—	3	—	0	—	2	—	5	—	4	—	7	—	5	—	6	—	7	—	8	—	11	—	158	—	—
—	14	—	13	—	14	—	13	—	11	—	10	—	8	—	9	—	9	—	8	—	8	—	7	—	9	—

OCTOBER.

12	14	11	14	9	12	10	13	7	12	7	11	6	12	6	10	4	10	6	9	4	9	3	7	163	11	27
2	11	1	12	2	11	2	12	3	9	4	8	4	9	2	9	1	7	1	8	0	—	1	7	26	9	12
0	—	0	—	1	8	1	6	1	6	0	—	0	—	0	—	0	—	0	—	1	12	0	—	5	10	19
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	9	1	9	0	—	1	12	6	12	17
1	16	1	15	1	17	0	—	1	13	1	14	1	13	2	13	1	16	1	17	1	17	0	—	19	15	22
5	15	5	10	3	11	5	9	2	8	3	9	3	10	2	11	2	10	2	10	3	9	4	12	78	11	24
5	10	5	13	6	11	5	8	4	10	3	8	3	8	6	8	4	8	4	9	3	8	2	8	90	10	34
6	9	8	11	6	13	3	11	3	10	4	9	4	9	3	8	6	10	5	10	4	11	4	12	111	11	21
0	—	0	—	3	—	5	—	10	—	9	—	10	—	10	—	12	—	11	—	15	—	16	—	246	—	—
—	12	—	12	—	11	—	9	—	7	—	7	—	7	—	6	—	6	—	6	—	5	—	5	—	7	—

NOVEMBER.

2	16	3	13	3	8	3	11	4	8	2	10	3	8	2	10	3	9	3	12	2	13	3	8	73	12	26
10	13	5	15	9	14	5	12	6	13	6	13	6	13	5	14	6	13	6	13	7	14	5	14	160	12	24
3	12	6	12	3	12	6	13	5	11	6	11	6	12	7	12	4	15	5	12	2	10	5	11	94	12	25
1	8	1	8	1	8	1	9	0	—	0	—	1	10	0	—	0	—	0	—	2	18	1	11	12	12	28
2	22	3	18	2	16	2	16	3	13	4	14	3	17	2	15	3	18	4	15	3	13	4	18	62	17	42
5	17	4	16	5	14	5	13	4	14	4	14	5	12	6	15	4	15	3	20	2	16	2	17	109	16	30
4	15	4	12	4	13	4	9	5	9	1	8	1	9	2	10	4	9	4	9	4	9	4	8	77	16	24
1	8	1	8	0	—	0	—	0	—	2	11	2	8	1	9	0	—	0	—	0	—	0	—	9	9	1
2	—	3	—	3	—	4	—	3	—	5	—	3	—	5	—	6	—	5	—	8	—	6	—	124	—	—
—	13	—	12	—	12	—	10	—	10	—	10	—	11	—	11	—	10	—	11	—	10	—	10	—	11	—

DECEMBER.

5	11	5	11	6	10	5	9	4	9	5	8	7	8	4	8	5	9	9	9	6	9	5	9	118	9	15
4	12	4	11	4	10	4	9	4	8	4	9	3	8	3	8	2	7	3	7	5	8	4	9	84	9	16
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	11	11
0	—	1	9	1	11	1	8	1	9	1	14	1	16	1	15	1	13	0	—	0	—	1	9	11	11	16
3	23	1	21	2	19	2	20	0	—	1	16	1	18	1	20	1	22	2	24	2	23	1	20	42	20	30
4	15	5	15	6	16	3	14	5	17	5	15	6	15	6	15	5	15	2	13	2	15	1	13	96	16	31
6	17	9	14	5	12	8	13	9	11	7	10	6	10	6	11	6	11	9	13	9	12	14	12	213	12	25
6	13	4	11	5	11	4	10	4	9	5	9	3	8	4	7	4	8	2	9	3	9	2	6	74	10	21
3	—	2	—	2	—	4	—	4	—	3	—	4	—	6	—	7	—	4	—	4	—	3	—	104	—	—
—	13	—	12	—	11	—	10	—	9	—	9	—	9	—	9	—	8	—	10	—	10	—	10	—	10	—

KEW OBSERVATORY.

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, and DAILY AMOUNTS of RAINFALL, for each MONTH of the YEAR.

JANUARY 1887.										FEBRUARY 1887.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				Means 24 hrs.	Max.	Min.	Dry.	Difference. (Dry—Wet.)	Max.	Min.		
				Dry.	Difference. (Dry—Wet.)														
1	ins. 30°368	ins. 30°496	ins. 30°233	20°2	0°4	22°9	17°3	in. 0°10		1	ins. 29°898	ins. 30°098	ins. 29°738	42°4	1°8	49°4	32°1	in. 0°110	
2	30°110	30°227	29°963	23°3	0°5	31°9	14°9	0°30		2	29°932	30°092	29°716	38°5	1°9	48°1	30°4	0°140	
3	29°633	29°940	29°319	36°2	1°2	38°1	32°0	0°245		3	29°905	30°135	29°899	48°5	2°0	52°3	41°9	—	
4	29°341	29°407	29°269	31°1	0°7	34°7	29°3	0°380		4	30°315	30°396	30°143	49°7	1°6	52°0	45°5	—	
5	28°889	29°221	28°800	33°8	1°6	38°9	28°7	0°130		5	30°377	30°501	30°335	47°3	2°0	53°8	43°2	—	
6	28°905	29°012	28°840	32°0	0°9	35°6	27°3	0°10		6	30°639	30°707	30°514	37°9	2°3	45°2	32°9	—	
7	28°962	29°008	28°899	34°5	1°0	38°8	29°4	0°035		7	30°706	30°719	30°694	35°5	1°6	40°3	32°1	—	
8	29°058	29°177	28°871	35°1	1°2	37°9	33°8	0°130		8	30°690	30°700	30°677	33°0	2°3	37°8	28°7	—	
9	29°315	29°507	29°183	33°3	0°7	34°6	32°1	0°090		9	30°630	30°700	30°547	34°0	3°0	35°7	32°9	—	
10	29°795	29°942	29°525	32°2	1°1	36°2	28°2	—		10	30°435	30°535	30°362	32°5	3°2	34°7	29°8	—	
11	29°877	29°962	29°827	37°9	1°3	40°8	31°9	0°060		11	30°338	30°428	30°262	35°3	2°4	39°2	32°8	—	
12	30°237	30°401	29°980	37°5	1°7	40°2	31°5	0°040		12	30°417	30°432	30°388	36°7	3°1	42°8	32°8	—	
13	30°376	30°416	30°318	30°2	0°3	31°9	28°3	0°10		13	30°382	30°425	30°327	35°6	2°8	40°2	31°6	—	
14	30°288	30°313	30°268	31°1	0°7	34°7	28°2	0°10		14	30°220	30°300	30°173	35°7	2°5	38°9	32°0	—	
15	30°194	30°288	30°039	32°4	2°1	35°3	30°7	—		15	30°316	30°392	30°248	37°0	2°4	38°3	31°3	—	
16	29°989	30°026	29°957	28°7	1°1	30°9	23°5	0°10		16	30°407	30°426	30°383	29°8	1°2	38°3	24°2	—	
17	29°971	30°037	29°867	28°7	1°3	36°1	20°9	0°025		17	30°336	30°422	30°196	27°3	0°9	39°9	20°7	—	
18	29°948	30°015	29°847	38°5	0°6	40°9	35°3	0°050		18	30°011	30°173	29°935	35°5	0°5	42°9	23°7	0°220	
19	30°022	30°075	29°943	46°8	1°2	51°4	40°3	0°140		19	30°180	30°230	30°063	40°6	2°4	43°2	38°2	—	
20	30°417	30°645	30°001	39°0	2°4	45°7	32°9	0°045		20	30°098	30°202	29°995	30°3	2°0	42°9	35°2	—	
21	30°613	30°666	30°587	37°2	1°2	41°4	31°9	0°10		21	30°030	30°108	29°947	41°0	2°3	46°2	35°0	0°070	
22	30°501	30°571	30°465	41°7	2°1	43°3	40°3	—		22	30°104	30°133	30°083	40°6	1°5	47°1	32°2	0°10	
23	30°443	30°483	30°372	40°4	2°2	41°8	39°4	—		23	30°113	30°132	30°067	47°0	1°9	49°9	44°9	—	
24	30°238	30°360	30°176	37°3	1°5	40°1	35°7	—		24	30°046	30°117	29°943	47°5	3°1	49°4	45°0	—	
25	30°192	30°236	30°163	41°3	1°6	47°9	37°4	—		25	30°137	30°420	29°923	46°1	4°1	51°8	35°0	—	
26	30°292	30°360	30°235	40°0	1°2	49°1	31°2	0°10		26	30°504	30°577	30°432	38°6	3°2	50°2	28°9	0°10	
27	30°324	30°356	30°291	34°8	0°3	42°1	29°6	0°015		27	30°593	30°649	30°559	38°5	2°7	51°7	29°5	—	
28	30°382	30°477	30°292	41°9	0°5	48°3	32°8	0°10		28	30°527	30°573	30°478	36°8	2°0	52°4	29°6	—	
29	30°436	30°476	30°376	45°5	0°8	48°0	39°9	—											
30	30°240	30°355	30°144	38°5	0°6	42°9	32°1	0°10											
31	30°059	30°135	29°975	45°8	1°7	51°1	42°4	—											
Maximum fall in one hour } 2 a.m. 8th -									0°085	Maximum fall in one hour } Noon, 1st -									0°070
MARCH.										APRIL.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				Means 24 hrs.	Max.	Min.	Dry.	Difference. (Dry—Wet.)	Max.	Min.		
				Dry.	Difference. (Dry—Wet.)														
1	ins. 30°556	ins. 30°584	ins. 30°515	32°3	0°7	37°8	26°3	in. 0°020		1	ins. 29°645	ins. 29°833	ins. 29°477	40°8	2°8	46°9	33°5	in. 0°230	
2	30°584	30°622	30°551	34°0	1°1	45°4	28°3	0°020		2	29°921	30°031	29°846	43°3	3°6	50°8	34°7	0°035	
3	30°528	30°573	30°487	35°2	1°1	47°9	26°5	0°020		3	30°044	30°103	29°966	44°0	2°3	54°8	36°3	—	
4	30°414	30°492	30°338	33°5	0°4	38°1	29°6	—		4	29°714	29°948	29°487	45°2	3°4	55°4	35°9	—	
5	30°255	30°337	30°189	36°5	1°2	40°1	33°3	—		5	29°538	29°635	29°466	40°1	2°2	43°9	37°2	0°080	
6	30°159	30°205	30°125	40°0	2°6	47°9	36°0	—		6	29°780	29°900	29°639	40°7	4°1	44°3	38°5	0°015	
7	30°230	30°255	30°209	39°1	3°2	42°1	35°4	—		7	29°922	30°027	29°885	42°2	5°5	50°6	36°7	—	
8	30°117	30°209	30°043	39°8	2°4	41°3	38°3	—		8	30°072	30°136	30°024	42°1	5°6	50°2	35°1	—	
9	30°014	30°098	29°993	39°1	3°2	42°7	36°3	—		9	30°146	30°197	30°119	42°3	3°8	49°6	37°8	—	
10	30°062	30°088	30°033	39°3	2°0	45°6	35°9	—		10	30°180	30°213	30°139	41°4	3°0	47°0	37°8	—	
11	29°939	30°064	29°815	38°2	2°8	47°2	31°2	—		11	30°081	30°147	30°021	45°0	4°2	56°6	35°0	—	
12	29°873	30°110	29°655	35°6	2°5	41°1	28°1	0°335		12	29°985	30°043	29°925	46°5	4°2	60°7	36°0	—	
13	30°088	30°137	30°030	31°4	2°1	39°1	25°0	—		13	30°068	30°147	30°027	40°7	2°7	46°2	37°8	—	
14	29°894	30°021	29°810	31°9	2°5	39°9	25°0	0°595		14	30°254	30°390	30°150	37°4	4°0	44°0	32°3	—	
15	29°771	29°808	29°738	31°8	0°6	33°2	30°6	—		15	30°377	30°419	30°327	40°1	4°6	49°9	28°9	—	
16	29°939	30°072	29°809	32°0	2°8	36°9	25°3	—		16	30°540	30°665	30°397	41°2	4°8	48°3	33°6	—	
17	30°079	30°124	30°056	30°8	2°9	35°7	24°3	—		17	30°636	30°697	30°570	38°5	3°7	48°2	27°4	—	
18	30°191	30°264	30°130	31°7	2°3	37°7	27°3	—		18	30°448	30°572	30°352	45°6	6°2	60°9	30°1	—	
19	30°245	30°287	30°207	31°0	2°3	37°9	28°8	—		19	30°252	30°349	30°172	52°4	8°8	64°5	42°4	—	
20	30°048	30°104	29°921	32°5	1°8	35°1	30°1	—		20	30°072	30°184	29°977	49°7	5°7	61°3	37°6	—	
21	29°760	29°903	29°520	34°0	3°3	39°1	29°6	—		21	29°841	29°979	29°679	48°4	4°5	58°9	37°4	—	
22	29°466	29°573	29°335	44°1	3°2	52°5	35°1	0°085		22	29°538	29°651	29°445	51°1	4°0	59°7	45°9	0°045	
23	29°328	29°614	28°955	46°4	4°3	50°9	40°3	0°175		23	29°345	29°423	29°319	50°5	4°4	57°5	45°3	0°005	
24	29°565	29°644	29°483	41°3	2°4	49°3	37°2	0°065		24	29°409	29°633	29°274	46°0	2°7	55°9	41°0	0°090	
25	29°640	29°847	29°510	44°4	3°5	50°8	36°8	0°050		25	29°744	29°887	29°647	44°0	2°4	49°7	38°0	0°070	
26	30°049	30°103	29°865	46°1	4°0	51°8	41°3	—		26	29°854	29°921	29°757	43°2	3°4	53°3	33°7	0°170	
27	29°962	30°049	29°882	48°4	3°8	55°7	42°9	0°080		27	29°876	29°947	29°815	41°3	2°9	50°2	36°8	0°200	
28	30°110	30°205	30°031	46°8	4°3	53°9	39°9	—	</										

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., KEW—*cont.*

SEPTEMBER 1887.										OCTOBER 1887.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.		
				Dry.	Difference. (Dry—Wet.)									Dry.	Difference. (Dry—Wet.)				
1	ins. 29°598	ins. 29°698	ins. 29°359	59°2	2°8	64°4	55°7	in. .395		1	ins. 30°095	ins. 30°216	ins. 29°957	51°3	3°1	57°9	46°8	in. —	1
2	29°421	29°688	29°231	58°7	3°6	61°9	56°2	.085		2	30°278	30°331	30°229	50°6	2°8	56°0	45°4	—	2
3	29°771	29°816	29°700	59°6	4°2	66°6	53°5	.195		3	30°353	30°370	30°335	52°5	4°0	56°0	49°4	—	3
4	29°641	29°692	29°557	59°2	3°3	65°8	54°9	.245		4	30°337	30°348	30°322	52°5	4°6	57°3	49°8	—	4
5	29°493	29°549	29°430	59°9	3°4	67°8	54°1	.030		5	30°264	30°326	30°181	51°6	4°1	53°7	49°2	—	5
6	29°519	29°567	29°471	60°2	5°2	67°1	55°1	—		6	30°116	30°169	30°075	50°8	3°7	54°6	48°6	—	6
7	29°784	30°224	29°500	55°3	3°5	62°7	47°9	.115		7	29°990	30°070	29°922	51°7	3°5	58°1	47°8	—	7
8	30°318	30°380	30°246	50°9	3°9	61°1	41°3	—		8	29°862	29°917	29°780	52°4	3°4	60°3	47°3	—	8
9	30°150	30°273	30°010	54°7	4°0	65°2	41°7	—		9	29°598	29°767	29°415	49°7	1°7	54°2	46°6	.130	9
10	29°976	29°997	29°930	56°8	5°2	61°3	49°2	.040		10	29°468	29°647	29°380	45°4	1°7	48°7	40°7	.355	10
11	29°549	29°977	29°726	55°0	3°9	62°4	46°6	.010		11	29°662	29°684	29°641	40°0	3°1	47°1	33°4	—	11
12	29°716	29°743	29°697	54°3	5°2	60°2	47°7	—		12	29°639	29°698	29°615	36°7	2°7	46°5	30°1	.030	12
13	29°813	29°911	29°735	49°8	4°1	56°3	43°4	.010		13	29°792	29°927	29°697	38°2	1°8	47°5	28°2	.030	13
14	29°868	29°909	29°838	51°8	4°4	59°1	44°1	—		14	29°833	29°933	29°799	39°9	2°7	48°1	35°8	.055	14
15	29°925	29°983	29°867	54°1	3°1	59°7	50°3	.145		15	30°070	30°260	29°921	41°2	3°3	48°7	35°1	.005	15
16	30°042	30°070	29°991	56°0	3°0	63°9	49°3	.020		16	30°394	30°479	30°272	42°8	3°2	50°9	35°2	.010	16
17	30°105	30°229	30°048	55°8	1°8	58°0	51°2	.575		17	30°538	30°579	30°477	45°5	2°8	53°8	39°3	.010	17
18	30°340	30°447	30°238	53°1	3°4	61°0	47°9	—		18	30°545	30°585	30°501	43°7	2°5	51°5	33°9	.010	18
19	30°414	30°456	30°351	54°1	3°6	60°0	49°1	—		19	30°437	30°499	30°382	44°5	3°0	48°3	37°8	—	19
20	30°308	30°348	30°275	53°9	3°3	61°3	45°9	.005		20	30°349	30°378	30°325	45°6	1°9	54°1	35°3	.010	20
21	30°295	30°319	30°267	54°3	4°1	57°9	51°0	—		21	30°455	30°550	30°375	41°5	2°2	51°0	33°1	.010	21
22	30°278	30°316	30°254	55°2	4°8	62°4	50°0	—		22	30°520	30°582	30°421	35°7	1°2	49°0	27°4	.010	22
23	30°382	30°436	30°314	53°6	3°8	58°7	45°7	—		23	30°192	30°409	29°940	40°7	2°1	52°1	29°2	.010	23
24	30°474	30°439	30°364	51°3	4°4	54°2	45°1	—		24	30°089	30°339	29°859	41°5	4°4	47°9	34°0	.045	24
25	30°206	30°357	30°027	49°3	2°8	60°1	38°2	—		25	30°478	30°560	30°349	36°2	3°5	44°4	30°2	—	25
26	29°767	29°997	29°535	54°5	2°1	58°2	50°0	.220		26	30°446	30°554	30°295	36°5	2°4	47°0	26°4	—	26
27	29°383	29°525	29°278	51°3	2°7	59°0	46°0	.025		27	30°045	30°269	29°803	44°8	2°2	48°3	41°2	.050	27
28	29°263	29°283	29°245	45°5	2°5	55°3	38°1	—		28	29°720	29°772	29°682	49°7	2°3	57°1	40°8	.350	28
29	29°409	29°569	29°287	43°6	2°4	55°2	32°9	—		29	29°602	29°710	29°268	48°3	2°4	55°0	39°2	.350	29
30	29°778	29°944	29°587	48°4	1°9	55°3	35°4	.050		30	29°521	29°528	28°807	45°9	2°4	50°7	39°6	.405	30
										31	29°566	29°687	29°468	42°3	2°6	49°2	38°4	—	31
Maximum fall in one hour } Mid. 26th									—	Maximum fall in one hour } 1 p.m. 10th									—
NOVEMBER.										DECEMBER.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.		
				Dry.	Difference. (Dry—Wet.)									Dry.	Difference. (Dry—Wet.)				
1	ins. 29°293	ins. 29°599	ins. 29°172	44°0	1°7	48°2	38°2	in. .275		1	ins. 30°244	ins. 30°393	ins. 30°113	43°2	1°0	49°6	33°1	in. .010	1
2	29°215	29°271	29°083	44°7	1°6	51°4	40°3	.040		2	30°413	30°467	30°354	46°2	2°5	49°9	44°4	—	2
3	28°843	29°025	28°783	48°2	2°1	51°8	43°8	.630		3	30°156	30°336	29°963	45°0	2°3	47°1	43°8	—	3
4	29°015	29°333	28°759	47°2	2°3	53°8	41°6	.255		4	29°837	29°945	29°788	44°7	2°0	46°5	42°0	.080	4
5	29°416	29°515	29°205	45°3	2°0	51°6	38°0	—		5	29°942	29°992	29°847	38°6	1°7	42°2	34°9	.070	5
6	29°343	29°424	29°225	45°9	1°9	52°2	40°5	.070		6	29°520	29°877	29°318	39°1	2°0	41°9	34°0	.030	6
7	29°445	29°533	29°407	45°8	1°3	50°2	40°9	.300		7	29°678	29°835	29°493	35°3	2°1	39°7	32°9	—	7
8	29°771	29°807	29°553	48°2	2°1	50°4	47°1	.005		8	29°549	29°837	29°254	43°7	1°0	53°9	34°2	.295	8
9	29°881	29°914	29°823	46°8	0°9	47°9	45°9	.460		9	29°458	29°689	29°272	48°9	3°4	54°6	41°1	—	9
10	29°821	29°882	29°789	46°5	1°3	47°8	44°4	—		10	29°868	29°996	29°693	37°4	3°1	41°2	30°2	.070	10
11	29°981	30°095	29°884	44°1	1°6	48°9	40°4	.020		11	30°010	30°057	29°949	33°8	0°8	38°9	28°2	—	11
12	30°159	30°191	30°099	42°7	2°6	45°1	40°1	—		12	30°004	30°110	29°756	36°2	1°0	44°0	32°0	.120	12
13	30°000	30°163	29°789	40°9	3°0	42°6	39°3	—		13	29°471	29°720	29°307	47°5	1°0	50°0	43°1	.110	13
14	29°728	29°899	29°657	39°7	2°8	44°4	35°8	.020		14	29°443	29°537	29°275	41°1	1°6	45°0	36°0	.270	14
15	30°151	30°328	29°920	34°0	1°4	38°1	27°9	.020		15	29°410	29°621	29°237	42°5	1°9	46°2	39°9	—	15
16	30°327	30°380	30°256	27°3	0°1	30°6	23°2	—		16	29°450	29°574	29°403	48°7	2°0	52°2	44°0	.080	16
17	29°955	30°242	29°615	30°7	1°4	37°0	24°9	—		17	29°739	29°818	29°519	41°3	2°4	45°6	36°6	—	17
18	29°365	29°588	29°262	31°9	0°9	33°7	30°1	.235		18	29°669	29°771	29°460	38°3	2°0	43°9	34°9	.185	18
19	29°283	29°372	29°254	35°8	1°6	42°3	28°9	.020		19	29°522	29°587	29°429	34°7	1°6	36°7	32°6	.020	19
20	29°526	29°597	29°385	35°7	0°7	39°1	32°8	—		20	29°529	29°575	29°496	34°4	1°2	37°0	29°9	—	20
21	29°568	29°623	29°531	33°9	0°4	37°0	31°3	.185		21	29°661	29°785	29°559	34°5	1°4	35°9	32°0	—	21
22	29°719	29°832	29°622	40°1	1°2	44°4	33°4	.060		22	29°952	30°043	29°792	32°5	1°4	35°1	29°7	.120	22
23	29°941	30°001	29°834	39°4	1°8	42°4	34°0	.110		23	29°964	30°024	29°902	33°5	1°1	38°6	29°5	—	23
24	29°844	29°972	29°758	36°9	1°6	39°0	33°9	—		24	29°893	29°967	29°834	38°5	2°0	41°0	34°3	.020	24
25	29°745	29°808	29°708	38°8	1°3	45°3	33°8	—		25	29°895	29°969	29°819	34°8	1°6	37°9	30°3	—	25
26	29°752	29°797	29°707	47°8	2°6	51°2	38°5	—		26	29°984	30°038	29°875	31°1	1°9	36°5	27°2	—	26
27	29°768	29°927	29°679	47°1	2°7														

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OF THE
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AT THE
FOUR OBSERVATORIES UNDER THE METEOROLOGICAL COUNCIL.

1888.

Published by the Authority of the Meteorological Council.



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[continued on page 3 of cover.]

Great Britain — Meteorological Office

Official No. 97.

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HOURLY MEANS

OF THE

READINGS OBTAINED FROM THE SELF-RECORDING INSTRUMENTS

AT THE

FOUR OBSERVATORIES UNDER THE METEOROLOGICAL COUNCIL.

1888.

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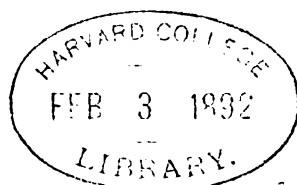
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ERRATA FOR HOURLY MEANS, 1887.

- Page 4. Valencia.—Dry-bulb, January 6-10, 20 hrs., for $42^{\circ}0$ read $41^{\circ}4$; and 21 hrs., for $41^{\circ}3$ read $41^{\circ}9$.
- Page 6. Valencia.—Difference between the Dry and Wet-bulbs, January 6-10, 20 hrs., for $2^{\circ}6$ read $2^{\circ}0$; and 21 hrs., for $1^{\circ}7$ read $2^{\circ}3$.
- Page 17. Valencia.—Temperature, January, 20 hrs., for $45^{\circ}3$ read $45^{\circ}2$; and 21 hrs., for $45^{\circ}1$ read $45^{\circ}2$.
- Page 17. Valencia.—Difference between the Dry and Wet-bulbs, January, 20 hrs., for $2^{\circ}4$ read $2^{\circ}3$; and 21 hrs., for $2^{\circ}3$ read $2^{\circ}4$.
- Page 72. Falmouth.—Pressure, November, 11 hrs., for 29.519 read 29.514 ins.
- Pages 76 and 77. Falmouth.—Wind, January, 9 hrs., S., for No. 5, V. 19, read No. 6, V. 21; and Mean Velocity, irrespective of Direction, for 12 read 13; 19 hrs., N.W., for No. 5, V. 17, read No. 4, V. 15; and Mean Velocity irrespective of Direction, for 14 read 13.

P R E F A C E.

THE Tables of mean values comprised in this volume have been prepared upon precisely the same plan as was followed with regard to the year 1887.

No change whatever has been made either in the instruments used for obtaining the hourly values, from which the means have been calculated, or in their exposure and position.

ROBERT H. SCOTT,
Secretary.

November 1891.

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INTRODUCTION.

THE elements dealt with in the following tables are—

- a. Barometrical pressure.
- b. Temperature of the air.
- c. Difference between the dry and wet-bulb thermometers.
- d. Direction and velocity of the wind.
- e. Rainfall.

For the first four of these elements hourly means, and for the last element hourly totals, are given for periods of five days, for the calendar months, and for the year; while means of pressure and temperature, and totals of rainfall, are also given for every day of the year.

It will be observed that the tables of pressure and temperature supply for each day hourly mean values for the initial and final midnights.

Assuming, as may be done, that the mean value for any hour is the mean between the values at the commencement and end of that hour, it follows that the true mean of the 24 hourly means will be found by adding half the sum of the initial and final midnights to the rest of the hourly values, and dividing by 24.

Again, to ascertain the true hourly variations from the true mean of the day, account must be taken of the change of value between the initial and final midnights, which may be termed, so far as the hourly variations are concerned, the non-periodic variation.

It will be apparent that in order to eliminate the effect of these non-periodic fluctuations corrections must be applied to the mean hourly values, as follows:—

Calling the difference between the means of the initial and final midnight, that is 0 hours and 24 hours, d , the correction for the several hours will be—

MIDT.	A.M.		NOON.			P.M.	MIDT.	
for 0 hrs.	1	2	-	-	- 12	-	22,	23, 24.
	$\frac{1}{24}d$	$\frac{1}{24}d$	$\frac{1}{24}d$	-	- 0	-	$\frac{1}{24}d$	$\frac{1}{24}d$

the correction being added to the A.M. and subtracted from the P.M. means according as the initial (0 hours) mean value is less or greater than the final (24 hours) mean.

The instruments used for obtaining the records are described in the Reports of the Meteorological Office for the years 1867 and 1869; while particulars as to their exposure and as to the physical features of the district surrounding the Observatories will be found in the Quarterly Weather Report for 1870, and in a note in the volume of Hourly Readings for 1885. A description of the methods adopted to secure correct measurements from the photographic or other traces, which, although varied in some details, are still unaltered as regards their general principle, will also be found in the Reports of the Meteorological Office for 1868 and 1869.

Before the means were calculated from the measurements all breaks in the hourly readings were supplied by interpolations, in making which any data in the Office available

for the purpose have been used. Such breaks are rare, but occur at times from failure of the photography or from stoppage of the clock, but the temperature of the wet bulb is that most frequently lost, owing to frost. Such losses can, however, usually be made good with a very near approach to accuracy.

The tables are 12 in number for each Observatory, as follows :—

TABLE I.—Gives for five-day periods the mean pressure for each hour of the day, and also for the whole 24 hours. This, and some of the succeeding tables, is in two parts, the means for the first six months (36 five-day groups) forming the first part, and those for the second six months (37 five-day groups) the second part. The extra day in leap year is always reckoned in the twelfth of the five-day groups, which in those years gives the mean of six days instead of five. No correction has been applied to the barometer readings for height above mean sea-level, but they have been reduced to 32° Fahrenheit.

TABLE II.—Gives the mean temperature of the air for each hour of the day and for the whole 24 hours for 73 groups of five days.

TABLE III.—Gives for the five-day periods the hourly and daily mean difference between the dry and wet-bulb thermometers. Opinion being unsettled as to the best method of computing the tension of vapour or humidity from these observations, the mean difference of the two thermometers alone has been given.

TABLE IV.—Gives the mean hourly and daily wind components for the same five-day periods. The observed directions and magnitudes are resolved into two components, for those in the direction of the meridian North being regarded as positive and South as negative; and for those in the direction perpendicular to the meridian, East being positive and West negative. The means are obtained from the algebraic sum of the several components for the periods in question.

TABLE V.—Deals with the frequency and amount of rainfall for the five-day and other periods as before. The first column under each hour shows the number of times at which rain fell in the 60 minutes immediately preceding that hour, while the second column gives the aggregate quantity of rain measured at the hour. The final two columns give the number of *days* on which rain to the amount of at least a hundredth of an inch fell, and the total fall for each period of five days. It sometimes happens, generally with falls of snow, but occasionally, although only rarely, through stoppage of the clock, that the trace fails, and it then becomes impossible to allocate the rainfall accurately to the proper hours. In such cases no note has been put to the figures in the hourly columns, but the amounts of rain measured at such times have been added to the hourly amounts given, and therefore the correct quantity is shown in the daily totals.

TABLES VI., VII., and VIII.—Give respectively the hourly and daily means of pressure, temperature, and of the difference between the dry and wet bulb thermometers for each calendar month and for the whole year.

TABLE IX.—Gives the mean hourly and daily wind components for each calendar month, and for the year.

TABLE X.—Exhibits the hourly frequency and total amount of rainfall for each month and for the year; and also the number of days on which at least $0^{\circ} \cdot 01$ inch of rain fell, and total amount of rain measured, in each month and during the whole year.

TABLE XI.—Shows the number of times the wind blew from each of the eight octants, reckoned on either side of the points North, North-east, &c., together with the number of calms for each hour of the day; the mean velocity being shown in the second column for every hour, while the average velocity at each hour, irrespective of direction, is given at the foot of the column. The three final columns give similar information for the month, and the maximum velocity during the month from each octant. In preparing this Table, and also Table IV., an observation has been reckoned as a calm when the motion of the wind was less than five miles in the hour.

TABLE XII.—Gives the mean pressure, mean air temperature, and mean difference between the dry and wet bulb thermometers for every day of the year; together with the daily extremes of pressure and temperature, the daily fall of rain, and the maximum hourly fall of rain in each month of the year.

VALENCIA OBSERVATORY.

E 67731. 300.—7/91. Wt. 6109.

A

HOURLY and DAILY MEANS of PRESSURE for FIVE-DAY PERIODS.

LONG. 10° 18' W.

Barometer Cistern 23 feet above Mean Sea Level.

The readings are corrected for temperature, but are not reduced to Mean Sea-Level.

Five-day Periods.		Midt.		A.M.					Noon.					P.M.					Midt.		Daily Means (Five Days).									
		0.		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.			
1888.	1-5	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	1888.
Jan.	Jan.	30 347	30 353	30 360	30 364	30 366	30 367	30 371	30 381	30 386	30 393	30 381	30 376	30 366	30 375	30 377	30 384	30 380	30 375	30 384	30 380	30 375	30 368	30 370	30 371	30 371	30 360	30 379	ins.	Jan.
"	"	30 356	30 354	30 361	30 366	30 368	30 369	30 377	30 387	30 390	30 395	30 394	30 390	30 380	30 384	30 388	30 397	30 393	30 387	30 393	30 389	30 387	30 387	30 389	30 375	30 386	30 395	30 395	"	6-10
"	"	30 346	30 350	30 351	30 356	30 359	30 366	30 370	30 379	30 382	30 387	30 390	30 390	30 390	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	"	11-15
"	"	30 346	30 351	30 352	30 356	30 359	30 366	30 370	30 379	30 382	30 387	30 390	30 390	30 390	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	"	16-20
"	"	30 356	30 353	30 353	30 349	30 356	30 352	30 353	30 359	30 363	30 368	30 373	30 378	30 383	30 388	30 393	30 398	30 403	30 408	30 413	30 418	30 423	30 428	30 433	30 438	30 443	30 448	30 453	"	21-25
"	"	30 346	30 351	30 352	30 356	30 359	30 366	30 370	30 379	30 382	30 387	30 390	30 390	30 390	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	"	26-30
"	"	30 346	30 351	30 352	30 356	30 359	30 366	30 370	30 379	30 382	30 387	30 390	30 390	30 390	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	30 391	"	Feb.
31-4	Feb.	30 348	30 354	30 361	30 366	30 368	30 369	30 377	30 387	30 390	30 395	30 394	30 390	30 380	30 384	30 388	30 397	30 393	30 387	30 393	30 389	30 387	30 387	30 389	30 375	30 386	30 395	30 395	"	5-9
"	"	30 367	30 365	30 372	30 377	30 379	30 380	30 388	30 398	30 401	30 406	30 411	30 416	30 421	30 426	30 431	30 436	30 441	30 446	30 451	30 456	30 461	30 466	30 471	30 476	30 481	30 486	30 491	"	10-14
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	15-19
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	20-24
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	25-1°
"	"	30 343	30 350	30 356	30 361	30 363	30 364	30 365	30 366	30 367	30 368	30 369	30 370	30 371	30 372	30 373	30 374	30 375	30 376	30 377	30 378	30 379	30 380	30 381	30 382	30 383	30 384	30 385	"	March
2-6	March	30 377	30 383	30 389	30 394	30 396	30 397	30 400	30 403	30 406	30 409	30 412	30 415	30 418	30 421	30 424	30 427	30 430	30 433	30 436	30 439	30 442	30 445	30 448	30 451	30 454	30 457	30 460	"	2-6
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	7-11
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	12-16
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	17-21
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	22-26
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	27-31
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	April
1-5	April	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	1-5
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	6-10
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	11-15
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	16-20
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	21-25
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	26-30
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	May
1-5	May	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	1-5
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	6-10
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	11-15
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	16-20
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	21-25
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	26-30
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	June
31-4	June	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	31-4
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432	30 435	30 438	30 441	30 444	30 447	30 450	30 453	30 456	30 459	30 462	"	5-9
"	"	30 383	30 386	30 390	30 393	30 396	30 399	30 402	30 405	30 408	30 411	30 414	30 417	30 420	30 423	30 426	30 429	30 432</												

• Six-day period.

TABLE I.—HOURLY AND DAILY MEANS OF PRESSURE FOR FIVE-DAY PERIODS—continued.

Five-day Periods.	A.M.												P.M.												Daily Means (Five Days).	Five-day Periods.	
	Midt.												Midt.														
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.			24.
1888. July 30-4	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	1888. July 30-4
" 5-9	29.735	29.727	29.718	29.705	29.695	29.688	29.684	29.684	29.675	29.666	29.655	29.646	29.634	29.628	29.620	29.613	29.606	29.599	29.593	29.586	29.579	29.572	29.566	29.560	29.554	29.548	" 5-9
" 10-14	29.819	29.810	29.801	29.792	29.783	29.774	29.765	29.756	29.747	29.738	29.729	29.720	29.710	29.703	29.696	29.689	29.682	29.675	29.668	29.661	29.654	29.647	29.640	29.633	29.626	29.619	" 10-14
" 15-19	29.730	29.724	29.718	29.714	29.707	29.703	29.703	29.705	29.707	29.709	29.711	29.713	29.715	29.717	29.719	29.721	29.723	29.725	29.727	29.729	29.731	29.733	29.735	29.737	29.739	29.741	" 15-19
" 20-24	29.561	29.559	29.555	29.549	29.543	29.545	29.547	29.553	29.555	29.556	29.557	29.558	29.558	29.559	29.560	29.561	29.562	29.563	29.564	29.565	29.566	29.567	29.568	29.569	29.570	29.571	" 20-24
" 25-29	29.668	29.664	29.652	29.642	29.630	29.625	29.622	29.621	29.617	29.616	29.615	29.615	29.615	29.615	29.615	29.615	29.615	29.615	29.615	29.615	29.615	29.615	29.615	29.615	29.615	29.615	" 25-29
Aug. 30-3	29.915	29.913	29.903	29.908	29.908	29.909	29.918	29.923	29.933	29.936	29.940	29.940	29.944	29.959	29.965	29.972	29.978	29.989	29.996	29.996	29.996	29.996	29.996	29.996	29.996	29.996	Aug. 30-3
" 4-8	29.116	29.106	29.098	29.096	29.095	29.096	29.099	29.103	29.108	29.108	29.105	29.105	29.105	29.105	29.105	29.105	29.105	29.105	29.105	29.105	29.105	29.105	29.105	29.105	29.105	29.105	" 4-8
" 9-13	29.010	29.010	29.003	29.003	29.003	29.006	29.006	29.006	29.006	29.006	29.006	29.006	29.006	29.006	29.006	29.006	29.006	29.006	29.006	29.006	29.006	29.006	29.006	29.006	29.006	29.006	" 9-13
" 14-18	29.163	29.159	29.153	29.153	29.148	29.149	29.152	29.156	29.161	29.163	29.168	29.168	29.166	29.156	29.145	29.147	29.145	29.139	29.141	29.142	29.143	29.147	29.146	29.147	29.147	29.147	" 14-18
" 19-23	29.766	29.757	29.747	29.736	29.721	29.700	29.705	29.707	29.707	29.707	29.707	29.707	29.707	29.707	29.707	29.707	29.707	29.707	29.707	29.707	29.707	29.707	29.707	29.707	29.707	29.707	" 19-23
" 24-28	29.610	29.608	29.609	29.613	29.604	29.604	29.615	29.620	29.625	29.631	29.644	29.653	29.665	29.679	29.687	29.698	29.696	29.700	29.700	29.708	29.713	29.722	29.735	29.744	29.749	29.754	" 24-28
Sept. 29-2	29.097	29.091	29.088	29.083	29.081	29.082	29.094	29.105	29.114	29.110	29.124	29.136	29.133	29.131	29.136	29.137	29.137	29.124	29.124	29.124	29.127	29.133	29.136	29.137	29.137	29.137	Sept. 29-2
" 3-7	29.022	29.015	29.011	29.010	29.013	29.014	29.027	29.038	29.048	29.057	29.068	29.069	29.074	29.079	29.084	29.089	29.094	29.099	29.099	29.099	29.099	29.099	29.099	29.099	29.099	29.099	" 3-7
" 8-12	29.370	29.368	29.368	29.368	29.358	29.353	29.358	29.367	29.373	29.377	29.381	29.372	29.373	29.366	29.364	29.352	29.348	29.342	29.346	29.346	29.346	29.346	29.346	29.346	29.346	29.346	" 8-12
" 13-17	29.201	29.201	29.201	29.201	29.193	29.184	29.185	29.184	29.184	29.195	29.198	29.195	29.193	29.193	29.193	29.193	29.193	29.193	29.193	29.193	29.193	29.193	29.193	29.193	29.193	29.193	" 13-17
" 18-22	29.243	29.243	29.243	29.243	29.239	29.239	29.232	29.227	29.233	29.236	29.239	29.238	29.236	29.228	29.222	29.216	29.212	29.206	29.206	29.209	29.212	29.218	29.219	29.220	29.219	29.219	" 18-22
" 23-27	29.072	29.064	29.059	29.059	29.049	29.039	29.035	29.030	29.032	29.039	29.045	29.053	29.066	29.079	29.091	29.104	29.117	29.130	29.143	29.156	29.169	29.182	29.195	29.208	29.221	29.234	" 23-27
Oct. 28-2	29.828	29.825	29.821	29.819	29.811	29.808	29.805	29.801	29.807	29.803	29.801	29.801	29.801	29.801	29.801	29.801	29.801	29.801	29.801	29.801	29.801	29.801	29.801	29.801	29.801	29.801	Oct. 28-2
" 3-7	29.874	29.876	29.878	29.876	29.877	29.883	29.896	29.904	29.916	29.924	29.938	29.939	29.950	29.955	29.959	29.969	29.980	29.990	29.999	29.999	29.999	29.999	29.999	29.999	29.999	29.999	" 3-7
" 8-12	29.215	29.205	29.203	29.203	29.193	29.184	29.185	29.184	29.184	29.195	29.198	29.195	29.193	29.193	29.193	29.193	29.193	29.193	29.193	29.193	29.193	29.193	29.193	29.193	29.193	29.193	" 8-12
" 13-17	29.315	29.307	29.303	29.303	29.293	29.288	29.292	29.293	29.293	29.293	29.293	29.293	29.293	29.293	29.293	29.293	29.293	29.293	29.293	29.293	29.293	29.293	29.293	29.293	29.293	29.293	" 13-17
" 18-22	29.093	29.084	29.085	29.079	29.073	29.070	29.072	29.079	29.096	29.103	29.110	29.113	29.113	29.113	29.113	29.113	29.113	29.113	29.113	29.113	29.113	29.113	29.113	29.113	29.113	29.113	" 18-22
" 23-27	29.858	29.850	29.840	29.829	29.819	29.819	29.818	29.819	29.825	29.835	29.845	29.852	29.858	29.868	29.878	29.888	29.898	29.908	29.918	29.928	29.938	29.948	29.958	29.968	29.978	29.988	" 23-27
Nov. 28-1	29.878	29.873	29.865	29.868	29.849	29.841	29.829	29.826	29.832	29.833	29.840	29.841	29.841	29.841	29.841	29.841	29.841	29.841	29.841	29.841	29.841	29.841	29.841	29.841	29.841	29.841	Nov. 28-1
" 2-6	29.616	29.610	29.608	29.608	29.606	29.603	29.611	29.613	29.617	29.622	29.627	29.632	29.637	29.642	29.647	29.652	29.657	29.662	29.667	29.672	29.677	29.682	29.687	29.692	29.697	29.702	" 2-6
" 7-11	29.452	29.440	29.433	29.421	29.406	29.404	29.408	29.410	29.428	29.442	29.457	29.459	29.461	29.450	29.443	29.433	29.427	29.416	29.406	29.396	29.386	29.376	29.366	29.356	29.346	29.336	" 7-11
" 12-16	29.433	29.426	29.424	29.428	29.434	29.440	29.466	29.484	29.507	29.550	29.580	29.603	29.615	29.623	29.632	29.642	29.652	29.662	29.672	29.682	29.692	29.702	29.712	29.722	29.732	29.742	" 12-16
" 17-21	29.062	29.063	29.056	29.055	29.050	29.049	29.050	29.046	29.058	29.067	29.079	29.091	29.097	29.100	29.103	29.106	29.109	29.112	29.115	29.118	29.121	29.124	29.127	29.130	29.133	29.136	" 17-21
" 22-26	29.073	29.069	29.065	29.068	29.079	29.097	29.100	29.095	29.085	29.099	29.104	29.108	29.112	29.116	29.120	29.124	29.128	29.132	29.136	29.140	29.144	29.148	29.152	29.156	29.160	29.164	" 22-26
Dec. 27-1	29.318	29.312	29.301	29.292	29.282	29.271	29.266	29.264	29.265	29.270	29.272	29.272	29.272	29.272	29.272	29.272	29.272	29.272	29.272	29.272	29.272	29.272	29.272	29.272	29.272	29.272	Dec. 27-1
" 2-6	29.685	29.681	29.682	29.683	29.675	29.671	29.671	29.671	29.671	29.671	29.671	29.671	29.671	29.671	29.671	29.671	29.671	29.671	29.671	29.671	29.671	29.671	29.671	29.671	29.671	29.671	" 2-6
" 7-11	29.001	29.002	29.001	29.001	29.001	29.001	29.001	29.001	29.001	29.001	29.001	29.001	29.001	29.001	29.001	29.001	29.001	29.001	29.001	29.001	29.001	29.001	29.001	29.001	29.001	29.001	" 7-11
" 12-16	29.170	29.168	29.168	29.168	29.163	29.163	29.163	29.163	29.163	29.163	29.163	29.163	29.163	29.163	29.163	29.163	29.163	29.163	29.163	29.163	29.163	29.163	29.163	29.163	29.163	29.163	" 12-16
" 17-21	29.600	29.599	29.599	29.599	29.599	29.599	29.599	29.599	29.599	29.599	29.599	29.599	29.599	29.599	29.599	29.599	29.599	29.599	29								

TABLE II.
HOURLY and DAILY MEANS of TEMPERATURE for FIVE-DAY PERIODS.
VALENCIA OBSERVATORY - - - - - **LAT. 51° 55' N. LONG. 10° 18' W.**
 Dry-bulb Thermometer, 12 feet above Ground.

Five-day Periods.	A.M.												P.M.												Midt. Means (Five Days).	Five-day Periods.
	Noon.												Midt.													
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.		

1888. Jan.	1-5	42.3	42.9	43.3	43.9	44.1	44.5	44.5	44.5	44.9	45.3	45.9	46.8	46.6	45.6	44.4	44.1	43.3	43.1	43.2	43.4	43.4	43.9	43.7	44.3	1888. Jan.		
	" 6-10	49.1	49.3	49.0	49.0	48.8	49.1	49.3	49.3	49.1	49.4	49.5	50.1	50.8	51.1	50.6	49.7	49.3	49.2	49.1	49.2	49.3	49.1	49.0	49.5	" 6-10		
	" 11-15	44.0	44.2	44.4	44.6	44.7	44.8	44.7	44.6	44.4	44.5	44.5	44.5	44.8	45.7	45.2	44.8	43.0	43.0	43.6	43.7	43.3	43.3	43.0	44.2	" 11-15		
	" 16-20	40.9	40.9	40.6	40.7	40.8	40.9	41.0	41.3	41.0	41.4	41.6	42.1	43.1	43.9	44.4	44.7	43.6	43.8	44.1	44.1	44.3	44.1	43.8	43.6	" 16-20		
	" 21-25	48.9	48.7	48.9	48.5	48.5	48.4	48.4	48.0	47.7	48.0	48.1	49.3	49.2	49.6	49.5	49.1	48.7	48.6	48.2	48.2	48.1	48.0	47.6	48.6	" 21-25		
" 26-30	40.5	40.9	39.7	39.9	40.5	40.9	40.2	39.7	39.4	39.7	40.3	41.4	42.8	43.8	44.0	44.1	43.8	43.0	42.3	41.8	41.5	41.2	40.8	41.5	41.5	" 26-30		
Feb.	31-4	42.8	43.0	43.2	43.2	43.1	43.6	43.6	43.4	43.9	43.0	44.5	45.0	45.0	45.3	45.9	45.4	45.3	44.9	44.0	43.6	43.5	43.3	43.3	43.7	Feb.		
" 5-9	46.6	46.7	46.7	46.8	46.6	46.6	46.6	46.5	46.6	47.2	47.6	47.9	48.0	48.0	48.6	48.7	48.0	47.6	47.1	46.8	46.7	46.3	46.1	46.4	47.1	" 5-9		
" 10-14	40.0	39.4	39.0	39.0	39.1	38.3	37.7	37.8	37.4	38.6	39.8	40.4	41.2	41.2	41.9	40.1	40.8	39.5	39.3	39.5	38.0	38.2	37.8	39.1	39.1	" 10-14		
" 15-19	40.1	41.6	41.6	41.5	41.4	41.0	40.9	40.7	40.5	40.5	40.9	42.2	42.1	42.1	43.1	43.5	43.8	43.3	42.7	41.4	40.6	40.2	40.2	40.2	41.4	" 15-19		
" 20-24	36.1	36.4	36.0	35.5	35.8	35.9	35.3	35.0	35.2	35.3	36.1	36.5	37.7	38.0	38.4	38.8	39.2	38.6	37.2	36.9	36.3	36.1	35.9	35.5	36.6	" 20-24		
" 25-1.	34.4	33.9	34.0	34.0	33.9	33.4	33.4	33.8	33.4	34.3	35.5	37.5	37.5	38.0	39.2	39.6	40.2	39.8	39.0	38.1	36.5	35.8	35.4	34.2	35.8	" 25-1.		
March	2-6	37.0	38.2	38.3	38.3	37.7	38.6	38.1	37.4	37.7	39.4	41.9	43.6	44.5	44.5	45.5	45.9	46.0	45.8	45.1	43.5	41.4	40.5	40.9	40.8	41.0	March	
" 7-11	47.3	47.2	47.5	47.5	47.1	47.1	47.5	47.7	48.0	48.4	48.8	49.0	49.4	49.4	49.8	49.3	49.1	48.0	47.7	47.9	47.2	47.0	46.3	46.0	47.8	" 7-11		
" 12-16	39.9	39.3	39.5	39.5	38.8	38.5	38.6	37.9	38.4	39.9	41.4	43.2	43.9	43.9	45.7	45.0	44.0	43.5	42.6	41.3	40.6	39.1	38.7	38.9	40.5	" 12-16		
" 17-21	36.0	35.7	34.7	34.8	34.5	34.3	34.2	34.2	35.6	37.9	40.2	43.1	44.0	44.0	44.9	45.5	45.6	45.3	45.2	43.4	42.4	41.5	40.8	39.0	39.7	" 17-21		
" 22-26	40.6	40.2	39.9	39.4	39.0	39.8	39.7	39.4	39.9	40.9	41.4	43.0	43.7	43.7	43.5	43.0	42.5	42.5	41.1	40.0	39.5	39.6	38.4	38.2	40.7	" 22-26		
" 27-31	38.9	38.8	38.7	38.2	37.6	37.3	37.9	39.1	39.2	40.6	41.5	42.3	42.9	42.9	43.9	43.3	43.6	43.3	43.1	42.8	42.1	41.5	40.6	39.8	40.7	" 27-31		
April	1-5	40.1	39.4	38.9	38.9	38.4	38.1	37.5	37.7	39.8	41.9	43.6	44.5	45.5	45.5	47.0	47.0	47.3	47.6	47.4	46.9	44.6	43.2	42.3	41.9	42.5	April	
" 6-10	42.8	42.6	42.6	42.6	41.4	41.2	41.2	40.7	41.3	42.9	45.0	46.1	46.7	46.7	46.7	47.6	48.0	47.9	47.9	48.0	47.5	46.6	45.1	44.6	44.2	44.7	" 6-10	
" 11-15	40.0	40.1	40.1	40.1	40.0	40.9	40.9	40.8	40.8	40.7	40.0	40.9	41.5	41.6	41.6	42.7	42.7	42.7	42.6	42.6	42.6	42.6	42.6	42.6	42.6	50.0	" 11-15	
" 16-20	47.3	47.3	47.3	47.0	46.7	46.4	46.8	47.2	47.7	48.2	49.8	49.8	49.5	49.6	49.3	49.9	50.5	50.1	49.3	48.6	47.6	47.0	46.7	46.5	48.1	" 16-20		
" 21-25	43.7	43.5	43.1	42.9	42.7	42.0	42.0	42.3	43.0	43.9	44.3	45.1	45.4	45.4	46.3	46.8	47.3	47.5	46.9	46.1	45.4	44.9	44.0	43.6	44.6	" 21-25		
" 26-30	46.2	46.0	45.7	45.5	44.6	44.7	44.7	45.8	46.6	47.8	48.5	49.0	49.8	49.8	49.5	49.7	50.2	50.6	48.8	48.7	48.0	47.4	47.1	47.1	47.4	" 26-30		
May	1-5	45.1	45.8	46.3	46.3	45.7	45.4	45.0	46.3	47.6	48.0	48.7	48.6	49.8	49.8	50.3	50.2	50.3	49.1	50.4	49.4	48.6	47.1	46.6	47.6	May		
" 6-10	50.6	51.0	50.6	50.5	50.5	50.7	50.8	51.3	51.5	52.1	53.2	53.3	53.8	53.8	54.4	54.4	54.5	52.8	52.9	52.8	52.6	51.5	50.6	50.1	49.7	51.8	" 6-10	
" 11-15	47.3	46.8	46.9	46.7	46.0	45.8	46.0	47.5	49.3	51.3	52.8	53.6	54.3	54.3	54.1	53.9	54.2	53.7	53.6	52.6	52.0	49.9	49.1	48.6	48.1	47.8	50.1	" 11-15
" 16-20	50.1	49.9	49.7	50.0	49.0	49.0	49.4	50.0	50.4	51.8	52.4	53.1	54.0	54.0	54.8	53.8	54.6	55.0	54.7	54.3	53.3	52.5	51.7	51.2	50.8	51.9	" 16-20	
" 21-25	51.6	50.6	50.5	50.1	49.4	49.9	51.6	51.6	52.0	52.7	54.0	54.3	55.1	56.1	56.1	56.8	56.4	56.6	56.3	56.7	56.7	56.6	56.6	56.6	56.8	" 21-25		
" 26-30	51.5	51.0	50.5	49.8	49.4	48.5	49.5	51.4	53.4	55.9	57.9	58.5	60.0	60.0	60.8	60.7	59.6	58.6	58.9	58.5	58.5	58.5	58.5	58.5	58.5	54.5	" 26-30	
June	31-4	53.5	53.5	53.4	52.6	52.4	52.7	52.7	54.1	54.9	55.8	56.8	57.9	58.1	58.1	60.4	61.0	60.8	59.7	59.1	58.7	58.2	56.4	55.6	55.1	54.9	54.5	June
" 5-9	54.4	54.6	54.1	54.1	53.9	53.8	54.1	54.9	55.6	57.4	57.0	57.7	58.1	58.1	60.4	61.0	60.8	59.7	59.1	58.7	58.2	56.4	55.6	55.1	54.9	54.5	56.1	" 5-9
" 10-14	50.6	50.8	50.5	50.3	49.6	49.3	50.2	51.4	52.7	53.9	54.6	55.6	55.9	56.2	58.1	58.7	58.5	56.9	56.0	55.2	54.2	53.4	52.8	52.8	53.4	55.4	55.4	" 10-14
" 15-19	53.5	53.1	52.7	52.5	52.4	52.4	53.4	53.4	55.0	57.0	59.7	60.6	61.8	62.3	62.3	63.3	63.4	63.9	63.6	62.2	61.5	60.7	59.5	58.7	58.0	57.8	53.1	" 15-19
" 20-24	57.2	56.1	56.0	56.0	55.9	55.7	56.7	56.7	58.3	59.2	60.8	61.4	63.2	64.0	64.0	65.2	64.0	64.2	62.8	61.9	60.3	60.7	59.5	58.7	58.0	57.4	59.7	" 20-24
" 25-29	57.2	57.1	56.8	56.9	56.8	56.6	56.6	56.8	57.7	58.4	59.2	59.7	60.5	60.5	60.8	61.1	61.2	61.5	61.4	60.9	60.1	59.4	58.8	57.4	57.0	56.5	58.7	" 25-29

* Six-day period.

TABLE II.—HOURLY and DAILY MEANS OF TEMPERATURE for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.	A.M.											Noon.	P.M.											Midt.	Daily Means (Five Days).	Five-day Periods.		
		0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.		11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.				22.	23.
1888. July 30-4	55.1	55.9	55.4	55.2	55.3	55.3	55.5	55.9	56.6	57.8	58.7	59.5	59.6	59.4	59.4	58.6	57.9	57.6	58.5	58.7	58.4	57.6	56.3	55.4	54.9	54.8	56.9	1888. July 30-4	
" 5-9	54.4	54.3	54.1	53.8	53.6	54.1	54.5	55.0	57.0	58.2	58.1	58.7	59.7	59.7	59.4	59.4	59.9	59.2	58.5	58.7	58.7	57.9	56.7	55.4	54.9	54.8	56.9	" 5-9	
" 10-14	53.7	53.2	52.4	52.5	52.0	53.6	53.1	54.1	54.9	56.4	56.9	58.3	58.7	59.6	59.6	59.7	59.9	59.7	59.7	59.7	59.4	58.2	56.6	55.7	54.8	54.5	53.8	56.0	" 10-14
" 15-19	55.8	55.3	55.2	55.0	54.9	54.9	55.2	56.0	57.2	58.6	58.9	59.6	59.3	59.3	59.1	59.0	59.1	59.8	59.8	59.1	58.4	57.7	56.7	55.0	54.5	53.8	56.0	" 15-19	
" 20-24	56.4	56.3	56.0	55.5	55.5	55.5	55.6	57.1	58.1	59.0	59.7	60.8	61.4	61.4	61.5	61.5	62.2	61.6	61.3	60.5	59.6	58.2	57.9	57.7	57.0	56.4	58.5	" 20-24	
" 25-29	54.8	54.5	54.1	54.1	54.0	53.5	53.7	54.8	55.9	56.7	58.1	58.8	59.2	59.2	59.3	59.3	48.9	48.9	59.4	59.2	57.8	57.1	55.5	54.2	54.1	54.4	56.5	" 25-26	
Aug. 30-3	53.6	53.3	52.8	52.5	51.9	52.2	52.3	53.8	55.2	57.0	58.4	59.1	59.4	59.4	61.1	61.1	61.3	61.2	61.0	59.9	59.2	57.9	55.4	54.2	53.0	52.6	56.6	Aug. 30-3	
" 4-8	57.7	57.7	57.8	57.5	57.5	57.1	57.0	58.1	58.7	59.6	60.1	60.9	61.6	62.4	62.4	62.4	62.2	61.8	61.2	60.4	60.1	59.2	58.2	57.0	56.0	55.4	59.4	" 4-8	
" 9-13	58.7	58.8	58.7	58.7	58.0	57.9	58.2	58.8	59.7	60.8	61.4	62.1	61.9	62.9	63.7	63.5	62.5	62.6	62.4	61.6	60.6	58.4	55.4	55.1	54.5	57.8	" 9-13		
" 14-18	52.6	52.4	52.4	52.6	52.2	51.6	51.8	53.6	56.0	58.2	60.9	62.5	63.8	64.6	64.5	64.3	64.7	63.5	61.6	60.6	58.4	55.4	55.1	54.5	57.8	" 14-18			
" 19-23	59.2	59.0	58.9	58.4	58.4	58.6	57.9	57.9	59.6	59.6	60.6	61.1	61.1	61.0	62.3	62.7	62.9	62.9	62.5	61.9	60.9	59.5	59.1	58.8	58.9	58.9	60.2	" 19-23	
" 24-28	57.5	57.5	56.8	56.7	56.6	56.5	56.2	56.2	56.7	57.5	58.3	59.5	59.8	60.6	61.4	61.8	61.7	61.5	60.8	59.6	58.7	57.9	57.2	56.6	56.9	58.5	" 24-28		
Sept. 29-2	55.3	55.5	55.2	54.8	54.7	53.7	54.7	54.7	54.8	55.5	57.4	58.0	58.8	59.1	59.6	58.8	58.8	58.8	58.4	57.7	56.4	55.6	55.6	55.6	55.3	56.6	56.7	Sept. 29-2	
" 3-7	55.7	55.7	55.7	55.7	55.7	55.3	55.0	54.7	55.2	56.0	57.2	57.5	58.8	59.3	59.5	59.4	58.6	58.1	57.4	56.7	55.7	55.6	55.6	55.0	56.7	" 3-7			
" 8-12	50.6	50.2	50.2	50.0	49.6	48.3	47.7	48.3	48.5	48.9	49.0	49.8	49.9	51.9	54.4	54.9	55.0	54.6	53.3	52.4	51.7	51.0	50.7	50.1	50.0	49.5	51.1	" 8-12	
" 13-17	54.6	54.6	54.2	53.6	53.6	53.9	53.7	53.6	55.2	57.2	58.5	59.5	59.5	60.3	60.4	61.1	60.1	60.2	59.9	58.1	55.9	54.6	54.1	54.0	53.8	53.8	56.3	" 13-17	
" 18-22	50.4	49.7	49.3	48.3	48.1	48.2	48.1	47.5	50.3	53.5	56.0	58.6	59.7	61.2	61.2	61.5	61.7	60.8	60.7	59.4	56.3	54.8	53.3	52.4	51.6	51.6	54.1	" 18-22	
" 23-27	54.1	53.6	53.9	53.6	52.8	52.5	52.2	52.2	52.4	53.4	55.0	56.5	57.9	58.9	60.0	60.2	60.0	59.4	59.0	57.5	56.2	55.3	55.3	55.1	54.8	55.8	" 23-27		
Oct. 28-2	51.2	50.1	49.5	48.9	48.9	49.5	48.9	48.9	50.3	52.3	53.1	54.2	54.9	55.9	55.1	55.3	55.4	54.7	53.7	51.7	51.1	50.1	49.3	48.9	49.7	49.1	51.4	Oct. 28-2	
" 3-7	47.0	47.0	47.7	48.3	48.1	47.7	48.2	48.2	48.5	48.9	49.0	49.8	49.9	51.9	53.0	52.2	51.5	51.3	49.9	49.8	49.1	48.6	48.3	48.4	48.0	49.3	" 3-7		
" 8-12	49.7	49.7	49.2	48.6	48.4	48.3	48.0	48.0	48.1	48.9	50.7	51.9	53.3	53.9	54.4	54.9	55.0	54.6	53.3	52.4	51.7	51.0	50.7	50.1	50.0	49.5	51.1	" 8-12	
" 13-17	48.4	49.3	48.9	48.6	48.4	48.1	48.6	48.3	48.4	48.4	49.8	50.9	52.3	53.2	54.4	54.8	54.9	54.1	53.0	51.4	50.5	49.6	49.4	49.3	49.1	50.5	" 13-17		
" 18-22	53.0	52.6	52.2	52.6	51.9	52.5	52.8	52.6	52.2	53.3	54.1	55.9	56.8	58.1	58.3	58.7	58.8	58.1	57.1	55.6	54.1	54.1	53.0	53.3	51.7	51.6	50.8	53.9	" 18-22
" 23-27	54.5	54.7	54.7	54.8	55.2	55.6	54.8	54.6	55.1	56.4	56.9	57.7	58.3	58.5	58.5	58.7	58.8	58.1	58.0	57.2	57.2	57.8	58.0	57.9	57.9	57.7	56.8	" 23-27	
Nov. 28-1	53.6	53.5	53.6	53.7	53.1	51.6	52.4	52.4	52.8	52.7	53.2	52.7	53.7	54.3	54.1	54.1	53.7	53.5	52.5	51.8	51.9	51.1	51.2	50.4	50.5	50.7	52.7	Nov. 28-1	
" 2-6	48.4	48.5	48.0	48.1	47.9	48.5	48.5	48.5	48.6	48.8	49.4	50.0	50.3	50.3	50.4	50.5	51.1	50.4	49.7	49.0	48.4	48.0	48.2	48.4	48.7	49.0	" 2-6		
" 7-11	49.2	48.9	48.5	48.5	48.7	48.7	49.0	49.0	49.3	50.0	50.0	50.0	51.1	51.3	51.8	51.5	51.2	50.3	49.8	49.8	49.7	49.6	49.7	50.0	50.6	50.3	49.9	" 7-11	
" 12-16	53.1	53.4	53.1	52.7	52.5	52.9	52.9	53.0	53.1	52.0	52.6	53.2	53.7	53.8	54.1	53.2	53.2	52.8	51.9	52.1	52.0	52.4	52.8	53.2	53.3	52.9	52.9	" 12-16	
" 17-21	49.4	49.5	50.0	50.3	50.2	50.1	50.2	50.2	50.9	51.1	51.3	51.9	52.0	52.2	52.2	52.0	51.6	51.4	50.9	50.7	50.9	50.3	49.6	49.5	49.4	50.6	" 17-21		
" 22-26	51.2	51.5	51.4	51.6	51.3	51.1	51.1	50.8	49.9	49.9	50.4	51.0	51.4	51.4	51.3	50.9	51.4	51.2	50.9	50.8	50.5	50.2	49.7	49.7	49.1	50.7	" 22-26		
Dec. 27-1	41.1	41.4	41.5	42.3	42.4	43.0	43.2	43.2	43.5	43.6	44.0	43.8	44.8	44.9	46.0	45.6	45.8	45.8	45.7	45.6	45.6	45.3	45.2	44.6	43.9	43.2	44.1	Dec. 27-1	
" 2-6	52.9	52.8	52.7	52.7	52.8	53.1	52.9	52.6	52.6	52.7	52.7	53.4	53.2	53.2	53.7	53.1	52.8	52.8	52.5	52.4	52.5	52.8	53.2	52.8	53.2	53.5	53.9	" 2-6	
" 7-11	46.7	46.7	46.5	46.7	46.2	46.4	45.2	45.1	45.0	45.1	44.6	45.6	47.8	48.9	48.6	48.3	47.0	46.1	45.4	45.3	44.8	44.5	44.8	44.5	44.8	44.5	46.1	" 7-11	
" 12-16	46.7	47.3	47.4	47.7	47.1	47.2	47.1	47.1	46.9	47.0	47.4	48.2	48.9	49.5	49.3	49.3	48.9	47.8	47.8	47.3	47.3	47.1	46.6	46.5	46.8	47.6	" 12-16		
" 17-21	46.8	47.4	47.5	47.5	46.9	46.9	46.5	46.3	46.6	46.9	46.7	47.0	47.5	48.0	48.2	46.8	46.7	46.7	46.6	46.5	46.8	47.0	47.3	47.5	47.4	47.8	47.1	" 17-21	
" 22-26	44.9	44.9	45.0	45.1	44.7	44.1	44.4	44.4	45.0	44.7	44.5	45.7	45.4	45.4	45.8	44.3	44.3	44.7	43.8	43.3	43.7	43.2	44.8	44.1	43.7	44.2	44.5	" 22-26	
" 27-31	41.7	42.2	42.1	42.3	42.2	42.4	43.1	43.7	41.9	41.6	41.8	42.4	43.9	44.3	45.2	45.8	45.5	44.3	43.5	43.1	43.9	42.8	42.9	42.4	42.2	43.0	43.0	" 27-31	

HOURLY and DAILY MEAN DIFFERENCE between the DRY and WET-BULB THERMOMETERS for FIVE-DAY PERIODS.

VALENCIA OBSERVATORY LAT. 51° 55' N. LONG. 10° 18' W.

Five-day Periods.	Midt.	A.M.											Noon.		P.M.											Midt.	Daily Means (Five Days).	Five-day Periods.
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.			
1888. Jan. 1-5	1.2	0.1	1.4	0.5	1.5	2.0	2.0	1.7	1.9	0.9	1.2	1.6	1.9	0.9	1.0	1.2	0.9	0.9	0.7	0.7	1.0	1.0	1.1	1.1	1.1	0.4	1888. Jan. 1-5	
" 6-10	0.7	0.6	0.7	0.7	0.8	0.8	1.1	1.1	1.3	1.2	1.2	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	0.8	0.7	1.0	" 6-10	
" 11-15	1.5	1.7	1.8	1.7	1.8	1.6	1.7	1.6	1.6	1.7	2.1	2.0	2.2	2.3	2.0	2.0	1.7	1.5	1.4	1.4	1.4	1.4	1.4	1.5	1.6	1.7	" 11-15	
" 16-20	1.6	1.7	1.4	1.5	1.4	1.4	1.4	1.1	1.3	0.9	1.1	1.4	1.6	1.7	1.8	2.0	1.3	1.3	1.5	1.6	1.5	1.5	1.5	1.4	1.3	1.4	" 16-20	
" 21-25	0.2	0.4	0.3	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.3	0.4	0.8	1.2	1.4	1.3	1.0	1.2	1.3	1.3	1.4	1.3	1.3	1.0	0.7	1.0	" 21-25	
" 26-30	2.0	2.1	1.7	1.6	2.4	2.3	2.1	2.0	2.3	2.3	2.3	2.8	2.9	3.3	3.1	3.1	2.6	2.4	2.6	2.5	2.5	2.5	2.1	1.8	2.4	2.4	" 26-30	
Feb. 31-4	1.8	1.4	1.5	1.6	1.0	1.2	1.4	1.3	1.7	1.4	1.9	1.9	2.0	2.3	1.9	1.8	2.1	1.5	1.7	1.7	1.1	1.6	1.6	1.4	1.6	1.6	Feb. 31-4	
" 5-9	1.3	1.2	1.2	1.1	1.2	0.9	0.6	0.5	0.7	0.6	0.7	1.0	1.3	1.3	1.5	1.2	1.1	1.3	1.3	1.7	1.5	1.1	0.9	1.1	1.1	1.1	" 5-9	
" 10-14	1.7	1.5	1.4	1.8	1.7	0.9	1.0	1.0	1.8	2.1	2.1	2.4	3.7	2.2	3.0	2.2	2.6	2.0	3.2	2.7	1.8	2.7	1.8	2.7	1.8	2.0	" 10-14	
" 15-19	1.1	1.6	1.8	1.9	1.8	2.1	1.8	1.8	2.0	2.0	2.4	2.3	2.8	2.9	3.1	3.1	3.1	2.3	2.2	2.0	1.9	1.7	1.7	1.7	1.6	2.2	" 15-19	
" 20-24	3.0	3.1	2.9	2.7	2.8	2.6	2.3	2.4	2.6	2.8	2.6	3.0	3.4	3.5	3.6	3.8	3.4	2.9	2.8	2.5	2.5	2.8	2.6	2.6	2.9	2.9	" 20-24	
" 25-1*	2.0	1.9	2.0	2.3	1.9	2.1	2.0	1.8	2.0	2.5	3.6	3.6	3.8	3.9	3.9	3.7	3.5	3.3	2.9	2.6	2.7	2.2	2.1	2.1	2.6	2.6	" 25-1*	
March 2-6	1.7	2.2	1.6	1.2	1.5	1.7	1.7	1.4	1.6	2.3	2.8	3.0	3.7	3.8	3.7	3.6	3.2	2.7	2.0	1.7	2.0	1.8	1.9	1.5	2.2	2.2	March 2-6	
" 7-11	0.9	1.2	1.1	1.2	1.4	1.6	1.7	2.1	2.4	2.6	2.5	2.8	3.0	2.3	2.5	1.8	1.8	1.6	1.6	1.2	1.3	1.5	1.0	1.0	1.7	1.7	" 7-11	
" 12-16	2.5	2.3	2.1	2.1	2.6	2.4	2.2	1.9	2.2	2.4	2.9	2.6	2.8	3.3	2.7	2.3	2.5	2.3	2.3	1.7	1.8	1.8	2.6	2.6	2.4	2.4	" 12-16	
" 17-21	1.7	1.6	1.3	1.4	1.3	1.4	1.6	1.7	1.8	2.4	2.8	4.1	4.5	4.3	4.7	3.9	3.5	2.8	2.4	1.9	1.4	1.3	1.3	1.4	2.4	2.4	" 17-21	
" 22-26	1.7	1.2	1.1	0.7	1.1	1.3	1.1	1.0	1.3	1.6	2.4	2.8	2.7	2.2	2.5	2.0	2.4	1.7	1.9	1.9	2.2	2.1	1.7	2.1	1.8	1.8	" 22-26	
" 27-31	2.0	1.5	1.7	1.6	1.1	1.6	1.9	1.5	2.1	3.0	3.5	3.6	3.7	3.3	3.7	3.2	2.8	2.4	2.5	2.2	1.9	1.8	2.1	2.1	2.3	2.3	" 27-31	
April 1-5	2.7	2.8	2.2	2.0	1.9	1.5	1.7	2.2	3.1	3.9	4.2	4.0	5.2	5.3	5.0	5.0	5.0	5.0	3.6	3.1	3.0	2.8	2.5	2.5	2.5	3.4	April 1-5	
" 6-10	1.5	1.6	1.7	1.6	1.5	1.3	1.0	0.8	0.9	1.7	2.5	3.1	3.3	3.0	2.9	2.7	2.9	2.9	2.5	1.9	1.5	1.7	1.3	1.2	2.0	2.0	" 6-10	
" 11-15	0.7	0.7	0.8	0.7	0.6	0.6	0.6	0.6	0.6	1.4	1.9	1.8	2.2	2.4	2.4	2.2	1.8	1.4	1.3	1.3	1.2	0.8	1.2	1.1	1.4	1.4	" 11-15	
" 16-20	2.2	2.3	2.4	2.5	1.9	1.8	2.2	1.9	1.9	2.5	2.5	1.8	1.8	1.7	2.0	2.4	2.6	2.5	2.4	2.3	2.3	2.1	2.0	2.2	2.2	2.2	" 16-20	
" 21-25	2.4	2.5	2.0	2.1	1.9	2.1	2.2	2.5	2.9	3.2	3.5	3.6	3.9	4.1	4.3	4.1	4.1	3.8	3.4	3.1	3.2	2.8	2.8	2.8	3.1	3.1	" 21-25	
" 26-30	1.9	1.8	1.5	1.2	1.3	1.2	1.6	1.8	2.4	3.0	2.8	2.9	2.5	2.5	2.5	2.5	1.8	2.0	1.7	1.3	1.3	1.2	1.4	1.3	1.8	1.8	" 26-30	
May 1-5	1.3	1.6	1.8	2.1	2.0	1.8	2.5	3.2	3.5	3.8	3.7	4.7	4.6	4.7	4.2	3.8	4.4	3.8	3.6	2.8	2.5	2.1	1.8	1.2	3.0	3.0	May 1-5	
" 6-10	0.4	0.6	0.5	0.5	0.4	0.4	0.4	0.5	0.7	1.1	1.3	1.6	1.8	1.6	2.0	1.4	1.2	1.4	1.6	1.2	0.9	0.8	0.9	0.6	0.9	0.9	" 6-10	
" 11-15	2.2	2.0	1.9	1.7	1.6	1.7	1.7	2.6	3.6	3.7	4.3	4.6	4.7	4.4	4.9	5.1	5.3	5.0	4.3	2.9	2.5	2.1	1.7	2.3	3.2	3.2	" 11-15	
" 16-20	1.7	1.5	1.4	1.2	1.3	1.1	1.3	1.5	1.6	1.9	2.2	2.5	2.8	3.0	3.0	3.0	3.3	2.8	2.7	2.4	1.6	1.5	1.5	1.6	2.1	2.1	" 16-20	
" 21-25	2.3	2.1	2.2	1.9	1.5	2.1	2.2	3.2	5.2	6.0	6.7	7.4	7.3	7.1	7.0	7.5	7.1	7.0	6.4	5.4	4.1	3.5	3.1	2.6	4.6	4.6	" 21-25	
" 26-30	2.2	2.4	2.0	2.0	1.9	1.9	2.3	3.1	4.7	5.3	5.6	5.9	6.0	6.3	6.1	6.1	5.7	5.3	4.3	3.4	2.7	2.7	2.5	2.5	3.8	3.8	" 26-30	
June 31-4	2.1	2.0	1.3	1.6	1.5	1.5	1.8	2.0	2.2	2.6	3.0	2.8	3.0	4.1	4.1	3.6	3.5	3.2	3.0	2.3	2.0	1.7	1.7	1.3	2.4	2.4	June 31-4	
" 5-9	1.5	1.9	1.8	1.4	1.5	1.9	2.1	2.2	3.1	3.3	3.3	3.4	3.3	3.0	2.5	2.5	2.5	2.7	2.1	2.3	2.3	2.2	2.4	2.1	2.2	2.2	" 5-9	
" 10-14	2.2	2.4	2.0	2.4	2.2	2.2	2.3	3.0	3.7	3.8	4.2	4.2	4.0	4.2	4.4	4.1	4.1	4.1	2.9	2.8	2.7	2.3	1.9	1.6	1.6	2.9	" 10-14	
" 15-19	1.4	1.2	0.9	1.0	1.2	1.3	1.5	2.3	3.9	4.5	5.3	6.0	5.9	5.8	6.0	6.0	5.4	4.8	4.6	3.1	2.7	2.2	1.7	1.6	1.6	3.3	" 15-19	
" 20-24	2.0	1.4	1.5	1.8	1.7	2.0	2.4	3.2	4.7	5.3	5.9	6.2	6.6	5.9	6.1	5.2	4.2	4.2	3.4	2.6	2.2	2.3	2.0	2.0	3.4	3.4	" 20-24	
" 25-29	1.8	1.6	1.7	1.8	1.7	1.9	2.5	2.5	2.8	3.2	3.1	3.3	3.2	3.5	3.6	3.7	3.1	2.7	2.5	2.5	1.7	2.0	1.9	1.9	2.2	2.5	" 25-29	

* Six-day period.

TABLE III.—HOURLY and DAILY MEAN DIFFERENCE between the DRY and WET-BULB THERMOMETERS for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.	A.M.												Noon.	P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.
		0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.		12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.			
1888. July 30-4	1.5	1.6	1.5	1.5	1.8	1.6	1.7	1.8	2.2	2.4	2.7	2.9	2.9	3.0	2.8	2.6	2.4	2.4	2.4	2.5	2.5	2.2	1.6	1.4	1.3	1.2	1.0	1888. July 30-4	
" 5-9	2.0	1.8	1.8	1.8	1.8	1.7	2.0	2.6	3.0	3.7	3.4	3.2	4.0	4.1	3.7	3.0	4.1	3.7	4.1	3.6	3.5	2.9	2.5	2.6	2.7	2.4	2.9	" 5-9	
" 10-14	3.4	3.2	3.2	2.9	2.9	3.1	3.4	3.5	3.8	4.3	4.7	5.4	5.5	5.5	5.3	4.8	5.2	5.4	5.2	4.7	4.1	3.2	2.9	2.5	2.6	2.8	3.9	" 10-14	
" 15-19	3.1	2.0	2.0	1.9	1.6	1.6	1.7	1.7	2.0	2.9	3.0	3.2	3.4	3.8	2.6	2.9	2.9	2.9	2.4	2.5	2.4	2.3	2.1	2.0	2.2	2.4	2.4	" 15-19	
" 20-24	1.9	1.8	1.8	1.9	1.7	1.7	1.7	2.0	2.6	2.9	3.3	3.9	4.2	4.2	3.8	3.7	4.1	3.7	3.6	2.8	2.2	2.0	2.0	1.9	1.7	1.7	2.7	" 20-24	
" 25-29	2.5	2.3	1.9	1.9	1.8	1.4	1.3	1.4	2.1	2.8	3.9	3.6	3.7	3.7	4.0	3.5	3.7	3.7	4.3	3.4	2.8	2.4	2.3	2.3	2.3	2.7	2.8	" 25-29	
Aug. 30-3	2.0	1.8	1.9	1.7	1.5	1.5	1.3	1.5	2.0	3.0	4.4	4.8	4.4	4.8	5.3	5.0	5.3	5.1	4.9	4.2	3.7	3.1	3.0	2.3	2.3	1.9	3.3	Aug. 30-3	
" 4-8	1.0	1.0	0.9	1.0	1.0	1.0	1.2	1.6	1.8	2.2	2.3	2.4	2.6	2.8	2.9	2.7	2.4	2.5	1.8	1.7	1.5	1.1	0.9	0.8	0.8	0.8	1.7	" 4-8	
" 9-13	2.3	2.3	2.2	2.3	2.1	2.4	2.4	2.1	2.6	3.0	3.3	3.4	3.0	3.3	3.7	3.4	3.4	3.6	3.6	3.6	2.8	2.0	2.2	2.2	2.2	2.3	2.5	2.7	" 9-13
" 14-18	1.9	2.0	2.3	2.7	2.3	2.0	2.2	2.5	3.3	4.3	6.1	6.8	7.1	7.5	7.7	7.6	7.2	6.2	5.3	4.9	3.5	2.9	2.3	2.3	2.2	2.2	4.2	" 14-18	
" 19-23	1.6	1.6	1.5	1.4	1.3	1.3	1.3	1.4	1.5	1.7	2.0	2.2	2.3	2.7	2.6	3.2	2.8	2.9	2.8	2.1	1.6	1.3	1.5	1.4	1.3	1.3	1.9	" 19-23	
" 24-28	1.3	1.7	1.6	1.7	1.6	1.6	1.5	1.3	1.7	2.2	2.8	2.9	3.2	3.8	4.2	4.4	4.2	4.2	3.7	3.5	3.1	2.6	2.1	1.6	1.6	1.6	2.5	" 24-28	
Sept. 29-2	2.0	1.9	1.9	1.7	2.0	1.8	2.0	2.2	2.5	3.4	3.8	4.1	4.3	4.5	4.4	3.9	3.8	3.8	3.8	3.4	2.6	2.4	1.9	2.0	2.0	1.8	2.8	Sept. 29-2	
" 3-7	1.9	1.9	2.0	2.1	2.0	1.8	2.1	1.9	2.2	2.9	3.0	3.4	3.1	3.2	3.3	3.5	3.1	3.0	2.8	2.4	2.1	1.8	1.7	1.6	1.6	1.7	2.4	" 3-7	
" 8-12	2.1	2.1	2.2	2.2	2.1	1.7	1.7	1.7	2.2	3.0	4.0	5.0	5.6	6.1	6.1	5.8	5.7	4.4	3.3	2.5	2.4	2.3	2.3	2.1	2.0	2.2	3.4	" 8-12	
" 13-17	3.2	2.9	2.9	2.5	2.5	3.0	2.9	2.4	2.8	3.7	4.3	4.6	4.9	4.5	4.8	5.1	4.8	4.7	4.3	3.2	2.5	2.4	2.9	2.8	2.3	3.0	3.5	" 13-17	
" 18-22	1.1	0.9	1.0	0.9	0.9	0.8	0.9	0.8	0.9	1.4	1.8	2.8	3.3	4.2	4.5	4.5	4.1	3.9	3.2	1.8	1.5	1.2	1.0	1.1	1.0	1.0	1.9	" 18-22	
" 23-27	1.9	1.5	1.6	1.8	1.5	1.4	1.5	1.6	1.8	2.1	2.4	2.7	3.3	4.2	4.4	4.2	4.0	3.8	2.8	2.4	2.0	1.9	2.0	2.0	2.0	1.7	2.4	" 23-27	
Oct. 28-2	3.0	2.4	2.6	2.1	1.8	1.9	1.6	1.8	2.1	2.7	3.4	3.6	3.8	3.8	3.7	4.2	4.2	3.6	2.8	2.4	2.4	2.5	2.4	3.3	3.3	3.6	2.9	Oct. 28-2	
" 3-7	3.4	3.0	3.2	4.1	3.9	3.2	4.3	3.9	3.6	3.6	3.2	3.0	4.2	4.8	4.4	4.4	4.0	4.0	4.4	4.1	4.1	4.0	3.3	3.1	3.4	3.6	3.8	" 3-7	
" 8-12	2.0	2.2	1.9	1.5	1.4	1.5	1.4	1.2	1.1	1.2	1.8	2.6	2.8	3.0	3.2	3.2	2.7	2.4	2.4	2.1	1.7	1.7	1.4	1.4	1.4	1.3	2.0	" 8-12	
" 13-17	1.5	2.0	1.9	1.5	1.2	1.2	1.1	0.9	1.3	1.7	2.1	2.9	3.5	3.8	4.1	4.2	3.7	3.2	2.5	2.0	1.6	1.8	1.9	1.8	1.8	1.8	2.2	" 13-17	
" 18-22	2.1	2.0	1.7	2.3	1.9	2.0	2.3	2.1	1.8	1.8	2.5	3.2	3.4	3.8	4.1	4.1	3.3	3.3	2.6	2.3	2.3	2.1	2.0	1.8	2.0	1.8	2.5	" 18-22	
" 23-27	1.1	1.0	0.9	0.9	1.0	1.2	1.1	0.8	1.0	1.3	1.3	1.7	1.7	1.9	1.9	2.2	1.8	1.7	1.6	1.4	1.6	1.6	1.5	1.3	1.3	1.0	1.4	" 23-27	
Nov. 28-1	2.5	2.4	3.1	3.2	2.7	1.7	2.2	2.8	2.5	2.6	2.9	3.0	3.9	3.8	4.3	3.6	3.8	3.3	3.0	3.1	2.9	2.4	2.5	2.2	2.7	2.7	3.0	Nov. 28-1	
" 2-6	2.3	2.3	2.0	2.2	2.0	2.3	2.3	2.2	2.2	2.4	2.6	2.9	2.7	2.7	2.7	2.7	2.1	2.1	2.0	1.9	1.7	1.8	1.7	2.0	2.0	2.4	2.3	" 2-6	
" 7-11	2.1	1.9	1.7	1.6	1.5	1.5	1.4	1.4	1.5	1.7	1.8	2.4	2.5	2.7	2.6	2.5	2.3	2.0	1.9	2.2	2.1	2.0	1.7	2.0	2.0	2.0	2.0	" 7-11	
" 12-16	1.2	1.3	1.9	2.0	1.7	1.7	1.8	2.1	2.3	2.4	2.2	2.6	2.6	2.8	2.8	2.8	2.6	2.5	2.6	2.1	2.1	2.1	2.4	2.6	1.9	1.1	2.1	" 12-16	
" 17-21	1.3	1.8	2.3	2.9	2.8	2.6	2.4	2.1	2.5	2.4	2.3	2.7	2.7	2.7	2.4	2.3	2.5	2.1	1.8	2.0	2.0	2.4	2.1	2.0	2.0	1.9	2.2	" 17-21	
" 22-26	2.3	2.2	2.4	2.4	2.4	2.1	2.2	2.0	1.4	1.2	1.6	1.8	2.0	2.5	2.5	2.8	2.8	2.5	2.7	2.2	2.5	2.4	2.1	2.2	2.2	1.8	2.2	" 22-26	
Dec. 27-1	1.1	1.4	1.2	1.5	1.5	1.4	1.5	1.4	1.5	1.6	1.7	1.8	1.5	1.9	1.4	1.7	1.9	1.9	1.9	2.0	1.8	2.0	2.0	2.0	1.6	1.3	1.7	Dec. 27-1	
" 2-6	0.7	0.6	0.7	0.6	0.5	0.6	0.4	0.2	0.4	0.4	0.5	0.4	0.4	0.5	0.4	0.9	0.9	0.7	0.8	1.0	0.9	0.7	0.5	0.5	0.5	0.7	0.7	" 2-6	
" 7-11	1.6	1.4	1.4	1.2	1.6	1.5	1.2	1.3	1.1	1.1	1.0	1.7	2.4	3.1	3.0	3.1	2.4	2.4	1.9	2.0	1.6	1.8	1.7	1.6	1.7	1.8	1.8	" 7-11	
" 12-16	1.3	1.4	1.6	1.6	1.3	1.3	1.3	1.2	1.0	1.0	1.0	1.4	1.5	1.7	1.7	1.6	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	" 12-16	
" 17-21	1.6	1.8	2.0	2.3	1.8	1.6	1.4	1.3	1.5	1.6	1.3	1.6	1.7	1.9	2.1	1.5	1.6	1.7	1.7	1.8	2.0	1.7	1.7	1.7	1.4	1.8	1.7	" 17-21	
" 22-26	1.8	1.9	2.1	1.9	1.9	1.7	2.0	2.7	2.6	2.9	2.7	3.5	3.1	3.2	2.3	2.2	2.5	1.8	1.4	1.9	1.3	1.8	1.8	1.3	1.3	1.6	2.1	" 22-26	
" 27-31	2.3	2.2	2.1	1.8	1.6	1.7	1.6	1.6	1.6	1.5	1.7	2.2	2.1	2.4	2.7	2.5	2.4	2.4	2.1	1.9	2.0	2.4	2.3	2.1	2.1	2.3	2.1	" 27-31	

TABLE IV.—MEAN HOURLY and DAILY WIND
VALENCIA OBSERVATORY - - - - -

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1888.																								
Jan. 1-5	-14'4	+3'9	-13'5	+3'7	-13'6	+1'5	-10'3	-0'5	-6'3	-3'4	-3'0	-2'3	-6'7	+2'5	-10'4	+1'9	-12'5	+1'3	-10'6	+1'9	-9'1	-1'9	-20'7	-0'3
" 6-10	-19'8	+4'9	-20'4	+4'4	-20'3	+1'0	-20'3	+5'8	-21'1	+0'1	-21'8	+0'8	-17'6	-2'5	-17'9	+0'3	-20'4	+1'4	-20'3	+2'4	-18'3	+3'1	-17'7	+2'7
" 11-15	-6'9	+10'3	-4'7	+7'6	-0'2	+6'5	+0'7	+5'0	-3'6	+3'7	+1'1	+4'5	-5'0	+7'8	-6'0	+9'7	-4'5	+8'2	-4'9	+9'7	-5'9	+11'1	-7'1	+13'2
" 16-20	-2'5	+16'1	-3'4	+16'2	-2'2	+14'8	-1'7	+12'5	-1'5	+13'1	+0'5	+8'7	-1'8	+16'5	-0'4	+12'7	-2'5	+15'0	-1'3	+15'7	-0'9	+13'5	-4'8	+18'2
" 21-25	-13'1	-14'9	-11'1	-14'9	-9'4	-12'6	-7'2	-10'9	-11'2	-10'9	-10'1	-12'5	-10'0	-10'8	-11'5	-9'4	-13'2	-9'9	-14'0	-6'2	-12'7	-10'8	-9'8	-14'8
" 26-30	+3'6	-5'5	+3'6	-5'3	+2'9	-5'5	+4'8	-2'9	+2'4	-0'5	+3'0	-0'6	+3'2	-0'3	+4'2	+1'9	+1'1	+1'8	+1'2	+1'8	+2'4	+4'2	+0'8	+1'8
Feb. 31-4	+7'2	-5'9	+7'9	-8'2	+6'9	-5'1	+6'0	-3'6	+11'2	+2'7	+10'8	-0'1	+7'9	+0'1	+6'9	+1'4	+8'3	-0'9	+7'6	-5'2	+5'7	-6'8	+7'0	-7'3
" 5-9	+0'1	-7'8	-1'2	-8'2	+0'6	-8'5	+2'7	-8'5	+1'9	-7'7	+2'7	-7'5	+2'0	-6'5	+1'5	-6'2	+1'0	-8'3	+1'4	-7'6	+1'4	-9'4	+3'9	-8'2
" 10-14	+4'3	-1'5	+2'9	-2'7	+5'0	-5'0	+5'8	-5'6	+5'5	-3'7	+3'8	-3'8	+7'5	-4'4	+5'8	-4'7	+8'7	-5'1	+9'5	-9'2	+7'3	-9'7	+10'0	-10'5
" 15-19	+13'7	+5'8	+12'5	+3'1	+14'3	+4'8	+13'9	+1'7	+14'3	+1'9	+13'7	+0'2	+12'1	+1'1	+13'2	+0'8	+12'2	+2'7	+10'0	+4'1	+12'3	+2'5	+10'3	+4'1
" 20-24	+14'5	+13'2	+14'8	+11'8	+14'8	+9'5	+14'1	+6'9	+16'1	+8'0	+14'4	+10'1	+13'1	+10'4	+12'9	+12'6	+11'5	+14'0	+15'7	+12'3	+14'8	+13'8	+15'7	+16'0
" 25-1*	+10'4	+7'3	+10'8	+9'1	+11'0	+10'1	+10'5	+10'6	+11'4	+9'4	+13'5	+10'1	+11'1	+8'8	+10'4	+8'7	+9'2	+8'3	+11'1	+11'7	+11'3	+15'0	+13'6	+14'0
March 2-6	-1'6	-0'5	-1'2	-0'1	-0'3	+0'5	+2'0	+0'1	+3'9	+2'0	+3'0	+2'1	+3'0	+1'0	+1'8	+0'4	+2'6	-1'0	+2'7	-2'5	+1'3	-4'6	+2'9	-4'4
" 7-11	-18'6	-5'7	-21'7	-7'8	-19'9	-6'9	-19'2	-6'8	-20'5	-8'5	-22'5	-8'9	-25'0	-9'4	-25'0	-11'5	-24'6	-13'2	-24'3	-17'7	-23'7	-16'8	-24'8	-20'1
" 12-16	+5'3	+5'7	+4'8	+2'6	+5'2	+3'8	+7'7	+4'7	+8'4	+3'9	+6'1	+4'9	+4'7	+5'7	+4'2	+5'0	+2'7	+3'8	-0'7	+6'0	+1'8	+5'6	+7'2	+4'1
" 17-21	+2'5	+1'9	+1'6	+0'3	0'0	0'0	+2'5	+0'9	+1'2	+0'2	+2'0	0'0	-0'2	+2'4	+2'4	0'0	+1'6	0'0	+0'7	+2'4	+2'7	+2'4	+5'5	+1'1
" 22-26	+5'3	-1'2	+6'9	-3'2	+3'9	-2'8	+2'4	-1'6	+4'8	-3'4	+5'1	-3'2	+5'5	-5'0	+6'4	-3'4	+8'4	-3'2	+10'4	-0'6	+10'8	-1'0	+12'2	-0'3
" 27-31	+6'6	+3'7	+7'9	+2'7	+7'3	-0'2	+8'0	+4'0	+9'1	+3'1	+13'0	+2'4	+17'8	+4'3	+16'8	+3'7	+20'8	+2'6	+20'1	+3'2	+19'2	+0'3	+16'8	-1'6
April 1-5	+12'5	+4'4	+5'1	+5'2	+7'1	+4'0	+6'5	+3'1	+8'3	+4'3	+5'9	+2'1	+9'4	+3'3	+12'7	+6'9	+13'5	+9'1	+15'4	+6'6	+14'9	+7'6	+15'8	+4'7
" 6-10	+1'6	+1'6	+2'2	+0'2	+1'6	-3'1	+3'5	-1'3	+1'8	-3'0	+0'8	-1'2	+1'6	0'0	+3'7	-1'1	+6'9	-0'9	+7'5	-0'2	+10'2	-3'1	+9'2	-1'2
" 11-15	-6'6	-12'7	-6'7	-11'4	-6'5	-11'2	-6'4	-9'1	-4'6	-12'3	+1'0	-15'4	-1'2	-11'7	-2'5	-12'2	-2'4	-12'7	-6'0	-12'8	-5'4	-11'2	-9'0	-10'8
" 16-20	-6'4	-17'2	-6'5	-21'4	-3'8	-18'2	-2'2	-23'6	-1'7	-24'2	+0'5	-15'6	+0'1	-16'4	+0'1	-14'4	-0'6	-15'2	-3'0	-14'6	-1'4	-13'0	-1'1	-12'0
" 21-25	+14'1	+13'3	+15'7	+15'1	+16'2	+15'4	+17'4	+12'8	+18'0	+13'5	+17'4	+17'4	+14'5	+12'2	+16'8	+18'6	+19'3	+14'0	+18'6	+18'6	+19'7	+19'7	+19'5	+19'5
" 26-30	-7'7	-5'3	-6'0	-4'9	-7'8	-5'8	+0'9	-4'4	-1'6	-1'9	-0'4	-1'5	-1'4	-0'8	-2'6	-4'8	-5'6	-6'3	-6'3	-8'0	-6'2	-3'1	-5'3	-3'0
May 1-5	-10'4	-13'7	-10'3	-11'1	-8'9	-15'7	+3'7	-22'2	-0'2	-19'2	+4'3	-15'9	+1'5	-17'7	-2'8	-21'0	-1'7	-19'5	-2'5	-19'7	+1'3	-21'4	-5'2	-24'1
" 6-10	-0'6	-4'7	-8'0	-3'3	-5'7	-3'1	-4'5	-2'6	-4'8	-3'7	-2'3	-7'9	-2'1	-7'8	-1'7	-5'7	-1'8	-4'3	-1'0	-5'7	-4'2	-4'6	-2'4	-4'4
" 11-15	+1'1	-2'8	+0'1	-1'5	-1'5	-0'6	-1'3	-1'1	-2'5	-1'5	-4'1	+0'4	-2'6	+0'7	-0'9	0'0	-1'6	+2'5	-1'5	+1'8	-3'9	-1'0	-2'3	-2'1
" 16-20	-16'4	-0'8	-14'6	+2'3	-16'2	+0'1	-14'3	+1'1	-12'1	+1'7	-10'8	+0'3	-12'5	+3'3	-13'7	+4'9	-16'2	+4'0	-15'7	+1'9	-14'6	+1'0	-17'0	+0'5
" 21-25	-4'0	+4'1	-5'0	+4'5	-4'1	+4'1	-5'0	+5'6	-4'2	+7'1	-1'0	+6'8	-2'5	+4'1	-3'2	+10'7	-3'9	+11'1	-5'8	+7'5	-6'2	+8'9	-4'1	+6'8
" 26-30	-7'2	-0'2	-9'3	-2'4	-9'4	+0'6	-6'3	-0'8	-5'6	-0'4	-6'6	-4'9	-4'4	-6'8	-3'9	-5'0	-4'8	-7'9	-5'2	-5'1	-5'7	-5'4	-10'5	-4'2
June 31-4	-5'5	-1'3	-5'5	-1'0	-7'6	-0'4	-4'4	+2'4	-5'4	0'0	-3'7	-0'7	-5'1	+0'2	-7'8	+1'1	-9'8	+1'1	-9'3	+0'2	-8'9	-0'9	-8'2	-2'2
" 5-9	+1'0	+3'8	+0'6	+3'9	+1'2	+2'6	-0'9	-2'1	-2'0	-0'3	-5'0	-1'5	-5'3	-0'5	-2'5	+0'8	-2'1	+4'5	+0'7	+6'3	-1'0	+7'0	-4'3	+6'9
" 10-14	-4'4	-1'0	-6'8	-2'6	-7'8	-4'6	-7'0	-2'9	-5'9	-0'8	-6'5	+1'3	-8'0	-5'5	-9'2	-8'1	-12'0	-10'1	-14'9	-9'6	-17'1	-13'2	-18'7	-11'4
" 15-19	-2'7	-2'1	-1'3	-3'5	-0'5	-2'7	-2'4	-3'2	-0'2	-2'2	+1'2	-1'4	0'0	-2'4	+2'7	+0'1	+4'5	+0'9	+6'7	-0'1	+3'5	+0'9	+5'4	-1'2
" 20-24	+1'6	0'0	+2'2	0'0	+2'1	+2'1	+3'3	+2'8	+3'2	+1'5	+2'8	+1'7	+3'1	+3'1	+4'1	+2'8	+7'8	+5'4	+8'2	+4'2	+7'5	+3'9	+9'0	+2'6
" 25-29	-5'4	+2'7	-2'5	-0'4	-0'5	-3'6	+0'4	-3'2	0'0	-3'5	-0'4	-2'3	-1'2	-6'0	-1'5	-5'8	-1'5	-4'5	-0'9	-4'0	-1'9	-3'7	-4'1	-3'6

* Six-day period.

COMPONENTS for FIVE-DAY PERIODS.

LAT. 51° 55' N. LONG. 10° 18' W.

P.M.																							Midt.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		N.	E.	
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
-18°9	-2°7	-21°5	-1°4	-5°9	-2°6	-5°1	+3°6	-5°9	+2°0	-6°2	+4°0	-7°0	+0°5	-7°2	+2°4	-7°6	+2°1	-12°5	-1°4	-13°8	+4°9	-15°8	+6°1	-10°8	+1°1	
-19°5	+1°7	-18°8	+1°3	-16°7	+2°8	-13°5	+4°8	-13°6	+1°4	-16°0	+6°4	-14°6	+5°3	-11°7	+3°4	-13°0	+3°8	-17°2	+4°9	-15°6	+5°7	-15°5	+6°8	-17°6	+3°0	
-9°1	+11°8	-8°0	+0°8	-6°1	+9°1	-6°8	+11°1	-6°7	+8°8	-7°7	+10°0	-5°6	+12°7	-7°0	+13°3	-8°9	+12°2	-7°2	+10°9	-7°4	+10°0	-7°0	+7°9	-°6	+9°4	
-4°5	+20°5	-7°2	+24°2	-6°4	+19°1	-7°9	+18°8	-5°2	+16°4	-7°2	+18°1	-5°6	+16°9	-7°8	+20°7	-8°7	+19°5	-11°6	+13°6	-11°5	+16°0	-8°0	+13°6	-4°7	+16°3	
-5°6	-11°9	-6°5	-7°1	-5°1	-13°1	-4°0	-9°2	-5°7	-9°0	-6°7	-5°4	-8°3	-11°7	-9°2	-13°4	-7°6	-12°2	-4°7	-18°0	-8°7	-16°6	-6°8	-5°1	-8°8	-11°3	
-0°8	+2°1	-0°4	-4°8	-0°1	-2°8	+0°8	-1°3	+1°7	+0°4	+1°2	+0°1	+2°5	-0°8	+2°1	+0°1	+3°1	-1°8	+2°8	-1°4	+2°8	-1°6	+2°5	-1°9	+2°1	-1°0	
+5°7	-6°5	+6°1	-8°3	+5°3	-7°7	+6°0	-4°9	+5°6	-5°2	+6°5	-5°8	+5°5	-5°6	+3°8	-4°8	+4°0	-4°8	+5°2	-3°6	+4°1	-5°7	+3°8	-4°5	+6°5	-4°4	
+3°5	-8°6	+4°2	-9°4	+1°8	-10°3	+4°1	-9°0	+2°5	-8°3	+3°9	-6°8	+3°7	-5°7	+3°7	-6°1	+3°5	-6°9	-3°1	-7°3	+3°5	-5°8	-1°7	-5°9	+2°4	-7°6	
+14°6	-12°2	+14°6	-9°4	+17°3	-11°8	+16°3	-7°1	+15°0	-5°8	+11°6	-5°5	+13°8	-7°9	+11°8	-6°4	+8°4	-5°6	+8°6	-6°5	+8°1	-5°6	+8°4	-6°9	+9°4	-6°5	
+13°1	+5°7	+15°8	+0°4	+16°4	+1°3	+13°3	+0°9	+15°4	+0°8	+14°6	+4°4	+14°3	+4°1	+15°3	+3°8	+13°9	+5°2	+12°7	+5°5	+11°0	+6°1	+8°3	+7°4	+13°3	+3°3	
+17°3	+16°0	+16°2	+13°5	+14°4	+11°2	+11°9	+12°3	+13°3	+12°8	+10°7	+12°2	+12°6	+9°1	+11°0	+9°8	+11°8	+9°7	+12°7	+14°6	+14°0	+13°8	+13°2	+12°3	+13°8	+11°9	
+12°1	+14°0	+11°9	+11°5	+15°1	+10°3	+11°5	+11°6	+12°5	+11°7	+9°6	+13°1	+8°8	+11°4	+7°4	+12°3	+10°2	+10°4	+6°0	+10°0	+4°7	+7°9	+5°5	+8°3	+10°4	+10°6	
+3°8	-5°0	+3°0	-5°5	+3°2	-6°5	+3°5	-5°6	+2°5	-6°6	-2°1	-4°9	+1°6	-4°9	-3°5	-5°1	-0°7	-2°4	-2°1	-2°1	-2°7	-3°3	-5°0	-3°9	+1°1	-2°6	
-26°8	-19°5	-18°3	-22°2	-19°5	-17°4	-16°3	-18°1	-17°7	-13°0	-17°4	-9°7	-18°9	-7°9	-18°0	-5°7	-20°1	-7°0	-15°2	-7°1	-15°5	-5°9	-14°6	-4°5	-20°4	-11°3	
+5°3	+2°9	+5°7	+1°5	+4°2	+0°7	+6°3	-1°1	+9°4	+0°8	+10°8	+1°3	+8°3	+1°4	+10°2	+0°6	+7°6	+4°5	+6°9	+5°1	+6°4	+3°6	+6°3	+6°0	+6°0	+3°5	
+7°9	0°0	+6°3	+0°1	+7°6	-2°4	+7°5	-4°3	+6°8	-1°1	+5°6	-0°2	+2°9	+1°5	+4°5	-0°3	+4°2	-0°3	+3°0	0°0	+3°0	-0°5	+3°9	-1°2	+3°6	+0°1	
+11°1	-1°1	+12°0	-3°3	+11°7	-3°9	+8°3	-2°7	+12°9	-2°8	+12°3	+0°5	+14°2	+2°0	+10°0	-0°8	+10°2	+0°7	+10°1	-1°0	+8°4	+0°8	+8°3	+1°8	+8°8	-1°6	
+18°4	-0°3	+16°7	-2°0	+13°3	-2°1	+8°1	-2°5	+9°8	-1°3	+5°6	-2°0	+4°4	-1°9	+4°3	-0°3	+4°9	+4°0	+6°4	+5°2	+5°6	+5°4	+8°2	+1°8	+11°2	+1°3	
+14°6	+7°1	+17°4	+2°2	+18°1	+0°5	+16°6	+1°2	+17°6	+1°7	+15°1	+5°6	+14°3	+3°3	+15°0	+3°0	+13°0	+6°1	+6°5	+2°3	+5°8	+6°9	+9°1	+4°0	+12°1	+4°4	
+9°0	-4°2	+7°0	-3°5	+9°7	-4°7	+11°6	-4°7	+13°5	-4°0	+13°7	-0°5	+12°6	0°0	+11°2	-1°0	+8°1	-0°9	+9°1	-2°1	+6°7	-3°9	+4°9	-3°9	+7°0	-1°9	
-10°3	-14°0	-13°4	-12°1	-13°6	-12°3	-12°7	-10°8	-14°1	-12°5	-14°0	-12°4	-16°8	-9°4	-14°6	-11°4	-11°9	-10°6	-13°2	-9°3	-10°9	-9°3	-14°1	-5°4	-9°0	-11°4	
-2°4	-12°9	-2°5	-13°3	+0°5	-10°9	+0°6	-12°3	-1°3	-10°3	-0°8	-10°2	-0°2	-9°2	-1°9	-8°1	-2°3	-9°2	-0°3	-8°4	-0°3	-11°4	-1°0	-11°5	-1°6	-12°9	
+20°6	+19°4	+18°4	+18°4	+16°5	+16°6	+17°3	+16°2	+17°3	+16°6	+17°7	+12°7	+16°4	+13°3	+15°0	+15°1	+18°5	+12°0	+13°3	+11°6	+14°3	+7°7	+13°8	+12°5	+16°9	+15°1	
-8°4	-1°4	-8°9	-4°5	-10°8	-4°2	-9°7	-5°0	-10°2	-2°9	-10°6	-3°5	-10°0	-3°7	-12°1	-6°2	-12°1	-7°6	-13°1	-9°5	-10°5	-11°2	-10°4	-9°0	-7°4	-4°9	
-5°5	-23°7	-7°7	-22°1	-8°1	-18°7	-2°5	-17°3	-4°0	-20°5	-5°8	-19°4	-7°4	-19°2	-7°2	-16°8	-10°6	-15°2	-10°8	-14°5	-7°1	-12°1	-9°9	-11°6	-4°9	-18°0	
-6°1	-2°0	-6°6	-1°3	-4°6	-2°1	-4°6	-6°7	-1°4	-1°9	0°0	-0°5	+1°1	-0°2	-1°7	-3°5	-3°1	-2°8	-4°4	-2°1	-3°4	-2°0	-3°3	-1°4	-3°5	-3°5	
-1°6	-5°0	-0°2	-5°6	+1°2	-5°4	-0°8	-5°4	-2°1	-4°4	-0°7	-3°8	-2°0	-2°5	-1°9	+0°2	-2°3	+1°7	-1°9	+0°1	-2°4	+1°4	-2°2	+1°6	-1°6	-1°4	
-18°8	+0°5	-20°5	-2°4	-21°5	-2°0	-21°8	-2°1	-21°1	-6°9	-24°2	-2°8	-23°0	-0°9	-22°2	+0°9	-23°3	+2°6	-21°5	+2°4	-22°9	+3°4	-18°8	+1°2	-18°1	+0°6	
-5°6	-2°0	-10°5	-4°7	-5°4	-7°0	-5°9	-4°4	-4°9	-6°3	-3°3	-5°9	-1°4	-2°7	-0°1	-2°1	-0°4	-1°5	+0°4	+2°2	-1°3	+2°0	+0°5	+1°3	-5°6	+2°1	
-10°7	-11°9	-11°0	-7°4	-8°9	-9°1	-11°7	-7°3	-11°0	-5°0	-12°2	-3°8	-7°5	-2°0	-2°8	-2°0	-3°9	-5°6	-4°7	-9°4	-8°6	-7°7	-10°6	-7°0	-7°6	-5°1	
-9°4	+0°1	-8°8	-0°9	-4°2	-2°9	-5°2	-1°2	-6°8	-0°9	-8°6	-2°8	-9°4	+2°4	-10°0	+2°2	-9°1	+1°3	-8°8	+0°5	-6°3	+1°8	-5°7	+3°0	-7°2	+0°3	
-5°0	+7°0	-7°5	+3°8	-5°8	+3°5	-3°8	+5°2	-3°9	+5°0	-3°2	+4°9	+4°5	+3°2	+2°4	+2°3	+1°2	+0°6	+2°3	-1°4	+4°2	-2°6	+2°5	-1°3	-1°3	+2°6	
-23°0	-10°2	-22°1	-12°7	-18°4	-13°9	-15°9	-11°1	-14°2	-10°6	-15°1	7°0	-14°4	-6°7	-12°6	-4°4	-12°1	-4°0	-11°0	-2°7	-10°2	-2°2	-9°8	-3°1	-12°4	-6°6	
+5°9	-0°8	+6°9	-2°1	+4°6	-4°9	+8°6	-3°4	+9°3	-6°6	+9°3	-4°9	+5°6	-3°1	+5°6	-4°8	+4°8	-0°8	+1°6	+0°7	+2°2	0°0	+2°9	+1°2	+3°5	-1°9	
+8°1	+1°0	+7°3	-1°7	+6°9	-4°3	+6°5	-1°5	+6°9	-4°6	+6°8	-2°0	+7°2	-0°9	+3°8	-1°2	+0°5	+1°5	-1°0	-1°5	-0°6	-0°2	+0°7	+1°8	+4°5	+0°7	
-4°3	-2°4	-4°3	-1°7	-3°8	-1°1	-4°3	-2°3	0°0	-1°8	-1°6	-3°0	-1°0	-0°5	+0°5	-1°5	+1°9	-0°5	+1°9	+1°7	+0°4	+2°3	+3°0	+1°2	-1°3	-1°9	

TABLE IV.—MEAN HOURLY and DAILY WIND

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1888.																								
July 30-4	-0.1	-7.8	-0.7	-9.2	+0.4	-8.8	-1.5	-6.1	+0.1	-4.3	-0.4	-5.1	-2.0	-5.5	-2.3	-5.0	-3.5	-3.8	-4.1	-3.1	-6.9	-3.2	-9.6	-6.3
" 5-9	+2.8	-2.6	+2.9	-2.0	+3.5	-2.9	+2.8	-3.5	+1.8	-3.6	+2.2	-2.8	+4.4	-4.6	+4.7	-4.2	+4.7	-4.0	+6.2	-5.2	+3.5	-5.5	+3.8	-8.7
" 10-14	+6.9	+1.7	+6.2	+1.8	+5.0	+1.0	+4.5	+1.6	+2.6	+2.0	+2.8	+1.7	+4.5	-0.7	+4.4	-0.8	+2.6	-2.6	+2.8	-2.9	+2.7	-2.7	+1.1	-0.4
" 15-19	+4.8	-2.7	+1.6	-1.6	+2.9	-2.1	+3.8	-2.1	+3.8	-2.6	+4.4	-3.4	+3.2	-2.4	+2.7	-0.7	+2.0	-1.3	+2.3	-2.3	-0.8	-2.7	-0.7	-3.4
" 20-24	-12.8	-6.4	-12.5	-6.8	-11.8	-4.3	-9.1	-3.2	-12.8	-2.9	-14.1	+0.4	-15.9	-3.3	-17.1	-4.2	-19.6	-4.6	-19.9	-5.6	-22.5	-5.1	-26.6	-5.6
" 25-29	+2.0	-1.9	+1.7	-0.8	+2.2	+0.6	+1.3	+0.1	+1.9	+0.5	+3.9	-1.6	+3.9	-1.5	+3.5	-1.7	+3.8	-2.2	+2.2	-3.8	+1.7	-5.9	+0.5	-5.6
Aug. 30-3	-1.8	+0.2	-3.5	-0.7	-3.5	+0.2	-1.8	-0.3	-1.0	+1.0	-2.4	+0.8	-4.0	+1.0	-2.0	0.0	+0.7	+0.3	-0.5	-1.2	+0.2	-1.3	+0.2	-3.2
" 4-8	-3.1	-4.3	-5.7	-2.9	-4.6	-7.4	-4.1	-7.1	-3.5	-7.0	-5.4	-7.5	-7.5	-9.7	-7.8	-8.0	-10.7	-8.3	-8.9	-9.7	-10.7	-8.3	-13.7	-8.8
" 9-13	-6.2	-0.9	-6.7	+1.9	-7.1	-0.1	-8.4	-0.2	-8.1	+1.2	-7.4	+1.7	-8.4	+0.1	-9.2	-0.6	-8.5	+0.4	-10.1	+1.4	-10.6	+1.4	-11.3	+1.7
" 14-18	-1.1	+2.0	-1.4	+4.0	-1.8	+4.1	-0.7	+4.4	+0.8	+3.6	0.0	+2.4	-1.7	+3.3	-4.2	+4.2	-4.2	+4.2	-4.6	+7.6	-5.0	+5.3	-4.4	+6.6
" 19-23	-16.4	+2.8	-16.2	+4.8	-14.0	+4.2	-12.9	+5.9	-16.3	+4.4	-14.2	+4.8	-12.3	+6.2	-14.9	+7.8	-18.7	+6.6	-13.4	+7.1	-14.9	+5.9	-14.0	+7.1
" 24-28	-16.5	-10.1	-11.7	-8.9	-11.4	-8.0	-13.9	-6.5	-13.2	-8.0	-8.6	-3.8	-8.5	-4.3	-9.3	-7.5	-7.8	-8.0	-9.2	-13.1	-12.6	-13.7	-14.5	-13.1
Sept. 29-2	-0.4	-13.2	+1.0	-11.6	+1.1	-10.4	+4.0	-10.6	+3.5	-10.2	+0.4	-11.4	+1.8	-8.8	+0.3	-11.4	-0.8	-11.6	-2.0	-13.8	-0.6	-14.1	-1.0	-15.5
" 3-7	-1.9	-10.2	-1.7	-11.0	-0.5	-12.9	+0.7	-12.0	+1.3	-11.8	+4.3	-10.6	+4.2	-11.0	+1.4	-10.3	+3.7	-11.8	+2.4	-12.9	+1.9	-14.2	-1.2	-13.9
" 8-12	+1.9	+1.0	+2.1	+2.3	+1.8	+1.8	+2.9	+1.1	+1.1	+1.4	-0.7	+0.1	-0.4	+2.7	+0.3	+3.4	+1.0	+3.7	+1.7	+6.1	+2.3	+6.7	+0.6	+3.7
" 13-17	-5.1	+4.6	-2.3	+3.7	-3.1	+5.7	-3.5	+5.9	-2.1	+4.9	-3.3	+4.3	-1.3	+4.2	-0.3	+5.1	-2.9	+8.2	-4.0	+8.8	-5.7	+9.8	-5.1	+9.3
" 18-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.5	-1.1	0.0	0.0	+0.8	+2.0	+0.4	+2.0	-1.6	+2.3	-1.5	+3.5	-0.8	+4.7
" 23-27	0.0	+7.6	-0.5	+9.3	-1.8	+8.0	-0.7	+7.7	-0.7	+7.3	-0.4	+7.9	+0.3	+8.8	+0.1	+10.0	-0.9	+9.3	-1.1	+9.7	-1.7	+8.6	-3.6	+12.1
Oct. 28-2	+6.3	+2.8	+6.3	+1.4	+3.2	-0.2	+4.3	+1.2	+2.8	-0.6	+3.1	0.0	+4.2	+0.4	+5.2	+0.5	+6.0	+0.9	+5.8	-2.0	+3.9	-0.7	+5.9	-3.0
" 3-7	+7.4	-5.0	+11.3	-4.2	+12.5	-4.8	+11.4	-5.8	+10.9	-5.1	+11.0	-4.7	+10.7	-3.0	+10.3	-4.7	+12.6	-2.6	+14.1	-3.1	+12.8	-6.8	+15.4	-5.0
" 8-12	+3.4	-1.8	+3.0	-2.3	+2.6	-2.2	+2.1	-1.8	+3.0	-1.6	+2.5	-2.5	+2.2	-1.3	+2.1	-4.1	+2.2	-3.2	+4.2	-1.6	+5.8	-2.4	+7.5	-3.4
" 13-17	-1.7	+3.7	-1.3	+1.6	-3.6	+0.4	-3.5	+1.6	-2.0	+3.3	-3.4	+2.1	-2.4	+6.0	-3.0	+7.0	-5.4	+6.9	-5.6	+7.4	-7.1	+9.6	-9.2	+10.4
" 18-22	-7.6	+14.8	-5.9	+14.3	-2.0	+12.0	-2.2	+10.7	-5.1	+13.2	-8.3	+13.2	-8.6	+12.3	-8.7	+11.6	-10.3	+12.3	-10.9	+13.0	-10.6	+12.4	-12.0	+14.7
" 23-27	-26.8	-4.1	-24.6	-2.4	-26.0	-3.0	-29.6	-2.5	-27.0	-7.0	-25.9	-5.9	-24.9	-6.6	-26.5	-4.9	-27.5	-0.8	-29.0	-0.2	-32.0	-2.8	-34.6	-2.1
Nov. 28-1	-14.4	-15.0	-14.2	-13.5	-13.4	-12.9	-13.6	-11.1	-15.3	-12.1	-15.5	-13.4	-13.1	-14.4	-13.7	-10.5	-11.9	-12.6	-10.7	-13.8	-8.1	-16.7	-7.5	-16.6
" 2-6	+9.5	+9.6	+7.3	+9.8	+7.7	+10.4	+10.2	+9.0	+9.4	+10.7	+11.3	+12.2	+11.7	+9.6	+11.1	+12.4	+8.7	+11.1	+4.5	+10.1	+5.3	+11.8	+1.3	+15.1
" 7-11	-11.5	+16.5	-8.8	+20.4	-10.5	+20.4	-12.3	+15.0	-11.0	+16.8	-15.0	+18.8	-12.3	+19.2	-11.5	+7.4	-10.6	+13.4	-8.6	+13.6	-9.6	+13.2	-8.5	+16.0
" 12-16	-33.3	+11.3	-27.5	+0.8	-26.4	-2.1	-30.2	-3.9	-25.9	-7.9	-21.0	-10.4	-19.1	-9.5	-13.4	-9.8	-11.0	-8.6	-12.9	-8.9	-15.8	-9.1	-13.5	-8.8
" 17-21	+0.8	-21.1	+0.5	-21.1	-1.3	-23.8	+0.2	-25.0	-3.8	-24.6	-1.0	-24.1	+1.1	-25.1	+4.2	-24.2	+4.6	-23.2	+0.7	-24.4	+2.3	-25.2	-3.8	-24.3
" 22-26	-19.1	-24.8	-20.9	-23.4	-19.9	-23.9	-21.8	-21.7	-20.9	-21.0	-21.7	-23.6	-18.1	-21.7	-11.3	-24.0	-10.0	-20.9	-12.6	-19.6	-15.2	-20.0	-16.7	-19.1
Dec. 27-1	0.0	-1.2	-2.5	-0.7	-0.1	+1.4	-2.8	-0.5	-6.9	+0.5	-3.5	-0.5	+0.9	+0.2	-0.5	+1.1	+1.3	-2.2	+1.3	-0.9	+1.0	-0.3	+1.3	-0.3
" 2-6	-29.8	-7.1	-27.9	-3.5	-27.6	-3.1	-28.9	-4.8	-27.4	-3.8	-28.1	-4.9	-26.8	-2.5	-26.6	-0.9	-26.8	-0.1	-31.2	+4.3	-31.4	+4.5	-26.4	-1.7
" 7-11	-14.5	+6.6	-13.6	+6.3	-15.6	+2.8	-14.9	+2.9	-16.0	+1.0	-14.6	+1.7	-12.1	+2.1	-10.3	+5.1	-10.1	+5.5	-3.6	+2.7	-4.1	+1.5	-4.1	+2.4
" 12-16	-14.2	+6.0	-15.4	+7.8	-15.5	+9.5	-13.0	+9.2	-13.1	+9.5	-13.9	+10.1	-12.2	+10.8	-13.3	+6.5	-14.3	+8.3	-15.7	+10.4	-16.6	+9.9	-15.3	+10.2
" 17-21	-16.8	+3.4	-13.6	+2.3	-14.6	+2.4	-14.6	+4.2	-14.6	+4.3	-14.0	+6.0	-14.9	+3.8	-17.4	+4.0	-16.5	+5.2	-18.5	+8.7	-17.1	+15.3	-21.9	+13.0
" 22-26	+7.5	-12.8	+5.2	-13.0	+5.9	-11.3	+3.7	-12.0	+6.1	-11.5	-1.1	-14.8	0.0	-16.5	+4.9	-16.5	+3.7	-17.7	+5.1	-15.0	+5.3	-19.4	+8.6	-19.3
" 27-31	-5.9	-1.7	-8.8	-2.2	-9.5	+0.8	-11.8	-1.7	-10.7	-5.2	-6.1	-4.7	-3.7	-3.7	-2.5	-4.9	-4.1	-2.7	-4.0	+0.7	-3.4	-0.4	-2.6	-3.4

COMPONENTS for FIVE-DAY PERIODS—continued.

P.M.																							Midt.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.			
- 8.2	- 7.5	- 3.7	-11.4	- 3.3	-10.8	- 2.6	-11.6	- 2.3	- 9.0	- 0.7	- 7.2	- 0.7	- 7.5	0.0	- 6.2	- 1.0	- 5.5	- 1.1	- 4.7	- 0.3	- 5.7	- 3.4	- 7.3	- 2.4	- 6.8	
+ 6.4	- 6.6	+ 6.9	- 5.5	+ 3.9	- 5.6	+ 5.8	- 7.7	+ 5.6	- 5.4	+ 6.8	- 4.2	+ 7.9	- 4.3	+ 6.9	- 2.6	+ 7.1	- 1.9	+ 6.4	- 2.8	+ 7.8	- 2.4	+ 7.0	- 2.4	+ 5.1	- 4.2	
+ 1.2	- 2.9	+ 1.0	- 3.4	- 0.6	- 2.1	- 1.0	- 6.1	+ 0.9	- 5.1	+ 1.5	- 4.3	+ 1.3	- 3.6	+ 1.4	- 1.4	+ 3.3	- 1.7	+ 5.4	+ 1.2	+ 5.4	+ 1.2	+ 5.0	- 0.5	+ 2.9	- 1.2	
- 1.3	- 5.7	- 0.1	- 5.2	- 0.3	- 5.0	+ 0.4	- 2.2	+ 3.4	- 7.6	+ 3.7	- 7.8	+ 7.6	- 7.1	+ 7.5	- 4.8	+ 6.3	- 5.1	+ 6.8	- 4.8	+ 5.9	- 5.3	+ 5.4	- 4.4	+ 3.1	- 3.9	
-27.9	- 5.3	-26.4	- 6.8	-27.0	- 6.9	-26.0	- 4.8	-24.9	- 2.5	-23.4	- 2.8	-22.4	- 3.0	-21.2	- 2.4	-18.9	- 6.8	-18.1	- 6.0	-15.2	- 5.8	-13.9	- 4.0	-18.1	- 4.5	
+ 2.2	- 7.6	+ 3.2	- 8.4	+ 2.1	- 8.6	- 0.6	- 6.4	+ 2.2	- 7.1	+ 3.3	- 5.9	+ 2.2	- 5.1	+ 5.6	- 3.1	+ 7.3	- 1.5	+ 7.0	- 2.9	+ 5.9	- 1.5	+ 5.4	- 1.8	+ 3.1	- 3.5	
+ 1.5	- 5.7	+ 6.8	- 8.8	+ 6.1	- 7.2	+ 4.6	- 7.1	+ 5.7	- 5.6	+ 5.0	- 5.1	+ 4.3	- 3.0	+ 3.0	- 0.9	+ 3.8	- 1.8	+ 2.4	- 1.4	- 1.6	- 0.2	- 2.0	- 0.2	+ 0.8	- 2.1	
-12.6	-14.0	- 8.7	-15.0	- 9.8	-14.3	- 8.8	-12.9	- 8.0	-11.6	- 4.6	- 9.7	- 3.3	- 8.9	- 3.6	- 6.2	- 2.7	- 6.1	- 2.9	- 6.8	- 1.8	- 4.9	- 1.9	- 4.5	- 6.4	- 8.5	
- 7.7	0.0	- 8.2	- 4.5	- 9.1	- 5.2	- 6.7	- 6.5	- 2.2	- 7.7	- 1.8	- 7.2	- 2.0	- 4.7	- 3.7	- 3.7	- 3.9	- 4.1	- 4.2	- 2.4	- 4.7	- 3.5	- 2.5	- 2.5	- 6.6	- 1.8	
- 3.7	+ 6.4	+ 0.8	+ 3.5	- 1.1	- 0.7	- 8.8	- 9.5	- 0.2	- 3.9	- 0.1	- 3.2	+ 1.3	- 3.5	+ 3.0	- 3.6	+ 3.9	- 4.4	+ 4.3	- 3.2	+ 5.5	- 6.8	+ 5.6	- 3.3	+ 3.5		
-25.7	+ 1.8	-22.8	+ 4.3	-23.4	+ 1.7	-22.5	+ 3.9	-24.9	- 3.0	-23.3	- 4.6	-18.1	- 7.1	-15.2	- 4.9	-15.6	- 0.8	-14.1	- 5.9	-14.4	- 3.9	-16.8	- 3.0	-17.3	+ 2.0	
-11.4	-14.3	-11.8	-14.9	-11.0	-14.7	-11.4	-16.1	-13.0	-13.8	- 9.3	-12.2	-10.2	-12.8	-10.4	-10.2	-11.6	- 9.0	-10.7	-10.8	-12.3	-10.2	-12.5	-10.0	-11.4	-10.6	
+ 1.5	-16.3	- 1.2	-15.6	- 0.8	-15.9	+ 0.4	-15.6	- 1.7	-15.4	- 2.5	-15.1	- 0.7	-12.8	- 2.4	-12.0	- 1.0	-12.5	- 1.2	-12.0	- 0.9	-11.2	+ 0.5	-12.3	- 0.1	-12.9	
- 1.9	-12.2	- 1.6	-14.5	- 0.8	-11.5	- 2.2	-12.0	- 1.6	-11.1	- 1.1	-12.7	- 1.6	-10.9	- 1.6	-10.8	- 1.9	-10.4	- 2.2	-10.2	- 1.8	-10.3	+ 0.6	- 9.6	- 0.1	-11.6	
+ 1.7	+ 3.2	+ 3.6	- 1.8	+ 1.8	- 1.3	+ 3.1	+ 0.5	+ 2.8	+ 1.1	+ 2.6	+ 0.6	+ 3.7	+ 2.7	+ 2.5	+ 1.7	+ 0.1	- 0.2	+ 0.7	- 1.7	- 0.6	- 0.8	+ 1.7	- 0.5	+ 1.6	+ 1.6	
- 8.1	+ 9.7	- 4.5	+10.1	- 6.1	+10.3	- 4.6	+ 8.1	- 5.9	+ 6.3	- 4.8	+ 4.9	- 2.9	+ 5.5	- 3.9	+ 4.8	- 3.8	+ 4.9	- 4.2	+ 6.4	- 4.6	+ 7.1	- 3.1	+ 2.3	- 4.0	+ 6.5	
- 0.2	+ 2.4	+ 0.9	+ 0.8	+ 0.1	- 0.6	+ 1.8	- 3.1	0.0	- 0.4	+ 0.9	+ 0.5	- 0.3	- 0.6	+ 0.6	- 1.6	0.0	0.0	0.0	0.0	0.0	0.0	- 1.0	+ 1.0	0.0	+ 0.5	
+ 0.7	+13.0	- 1.8	+12.7	- 1.1	+12.4	- 0.6	+13.6	+ 1.9	+11.2	+ 1.0	+ 9.7	- 0.4	+ 9.7	- 1.2	+10.0	+ 1.2	+10.6	- 2.1	+10.4	- 2.5	+ 7.1	- 2.2	+ 5.4	- 0.8	+ 9.7	
+ 8.8	- 2.8	+12.7	- 4.7	+15.1	- 2.2	+14.5	- 1.9	+12.1	- 2.6	+10.9	- 2.7	+12.6	- 0.3	+11.3	+ 2.4	+10.0	+ 4.1	+10.4	+ 4.1	+13.6	+ 1.5	+14.8	+ 3.5	+ 8.5	0.0	
+16.2	- 5.0	+17.7	- 5.3	+16.0	- 4.5	+13.4	- 3.8	+13.8	- 4.5	+13.5	- 4.5	+10.7	- 4.2	+11.8	- 4.3	+12.3	- 4.4	+10.0	- 2.5	+ 9.6	- 2.7	+ 8.1	- 2.0	+12.2	- 4.3	
+ 7.8	- 3.4	+ 8.2	- 4.4	+ 8.2	- 3.2	+ 5.5	- 4.7	+ 6.3	- 2.8	+ 5.8	- 3.6	+ 6.1	- 3.0	+ 5.9	- 2.8	+ 2.3	- 3.0	+ 2.7	- 3.5	+ 2.7	- 2.7	+ 1.5	- 1.0	+ 4.3	- 2.8	
-11.3	+ 9.6	-10.6	+ 7.1	- 9.8	+ 6.1	- 7.4	+ 9.2	- 5.9	+ 7.6	- 3.5	+ 6.7	- 3.7	+ 5.2	- 4.8	+ 7.6	- 4.6	+ 8.8	- 5.2	+ 7.2	- 6.6	+ 5.6	- 9.9	+ 8.8	- 5.5	+ 6.2	
-14.0	+15.4	-13.6	+16.3	-13.2	+16.2	-12.0	+13.3	-12.0	+11.7	- 8.3	+12.3	- 7.6	+11.2	- 7.6	+11.5	- 7.0	+11.9	- 6.4	+ 9.6	- 2.8	+10.0	- 4.6	+10.6	- 8.4	+12.7	
-36.4	- 0.6	-36.9	- 2.2	-36.4	- 2.7	-35.4	- 3.1	-36.6	- 5.9	-32.2	- 5.9	-35.4	- 6.0	-36.8	- 4.2	-37.5	- 4.9	-37.1	- 4.0	-38.5	- 5.3	-37.2	- 6.2	-32.1	- 3.9	
- 7.0	-16.4	- 3.9	-18.0	- 3.5	-15.5	- 4.8	-13.8	- 4.5	-13.1	- 1.9	-13.5	- 2.5	-13.1	+ 0.8	-11.1	- 3.8	-10.8	- 1.8	- 9.0	- 1.1	- 9.2	- 2.0	- 9.8	- 7.8	-13.2	
+ 5.1	+12.0	+ 5.2	+11.1	+ 4.7	+ 9.8	+ 9.7	+ 9.6	+ 7.4	+10.7	+ 8.1	+10.2	+ 8.8	+ 9.3	+ 7.7	+10.5	+ 6.4	+ 7.8	+ 2.4	+12.4	+ 5.7	+10.8	+ 4.9	+13.3	+ 7.3	+10.8	
-10.1	+17.1	- 8.9	+17.4	- 7.0	+18.7	- 8.2	+ 8.5	- 8.0	+20.9	- 7.9	+22.1	- 5.8	+21.9	- 7.1	+22.5	- 8.8	+24.0	-12.7	+23.7	-12.7	+18.6	-17.4	+18.6	-10.2	+18.1	
-13.8	- 9.7	-11.5	- 5.9	-13.9	- 6.8	-12.7	- 4.3	-14.0	- 2.2	-17.3	+ 0.1	-20.5	+ 0.2	-25.1	- 1.4	-30.5	- 2.9	-33.1	- 3.7	-35.6	- 3.7	-34.9	- 1.6	-21.4	- 4.5	
+ 2.7	-24.1	+ 2.6	-24.2	- 2.5	-22.4	+ 0.9	-22.6	- 0.5	-21.6	- 0.8	-21.2	- 0.1	-21.4	+ 0.5	-20.6	+ 2.4	-19.5	+ 4.3	-19.7	+ 1.0	-21.9	- 0.5	-21.6	+ 1.1	-22.8	
-18.1	-23.3	-16.1	-23.9	-20.4	-23.7	-20.2	-26.2	-18.8	-24.1	-19.3	-24.3	-15.2	-25.4	-20.6	-22.4	-16.5	-21.2	-17.9	-19.2	-17.6	-18.6	-18.9	-19.7	-17.8	-22.3	
- 4.0	+ 1.0	- 4.7	- 4.6	- 1.5	-16.1	- 8.2	-10.1	- 8.6	- 8.9	- 7.6	-11.2	- 4.3	-11.8	- 4.7	- 8.5	- 6.3	- 5.8	- 7.4	- 4.7	- 8.0	- 2.1	- 6.6	- 3.9	- 3.4	- 3.8	
-29.1	- 0.2	-29.7	- 0.1	-27.5	+ 3.3	- 2.6	+ 5.0	-28.4	+ 3.5	-29.3	+ 3.7	-25.7	+ 8.4	-26.0	+ 6.7	-27.9	+ 9.4	-21.2	+ 4.9	-31.1	+ 1.6	-32.3	+ 3.4	-28.5	+ 1.1	
- 3.7	+ 0.4	- 3.9	+ 1.1	- 4.0	+ 0.8	- 3.1	+ 2.6	- 2.3	+ 1.9	- 3.0	+ 2.3	- 2.7	+ 2.3	- 4.6	+ 4.5	- 4.6	+ 5.2	- 3.8	+ 5.6	- 5.4	+ 6.5	- 7.4	+ 7.6	- 7.6	+ 3.4	
-14.9	+11.8	-16.9	+10.8	-16.1	+11.3	-12.4	+ 9.6	-12.8	+10.7	-10.4	+ 9.8	-11.8	+11.4	-11.0	+10.6	-10.6	+10.8	-11.3	+12.5	-12.2	+10.6	-12.3	+10.4	-13.5	+ 9.9	
-22.0	+10.2	-21.4	+11.1	- 6.6	+ 3.6	- 8.9	+ 4.4	-10.0	+5.8	-13.6	+ 6.7	- 9.8	+ 9.7	- 9.8	+10.4	-10.1	+ 5.2	- 7.7	+ 5.8	- 8.8	+ 5.9	- 7.5	+ 3.9	-13.8	+ 6.5	
+ 4.0	-18.5	+ 0.7	-19.9	+ 3.8	-17.8	+ 0.7	-17.4	+ 1.5	-14.0	+ 2.6	- 8.0	+ 1.8	-10.1	- 3.5	-10.2	+ 2.8	-11.8	+ 2.7	- 8.5	+ 2.5	- 7.3	- 1.1	- 8.4	+ 3.1	-13.8	
- 1.7	- 0.7	+ 2.6	- 8.4	+ 5.4	- 3.8	+ 5.2	- 3.0	+ 6.1	- 2.1	+ 5.7	- 2.2	+ 4.5	- 2.8	+ 3.2	- 1.6	+ 3.4	- 1.3	+ 2.7	- 0.6	+ 0.9	- 0.9	+ 0.8	- 2.5	- 1.4	- 2.5	

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL
VALENCIA OBSERVATORY - - LAT. 51° 55' N. LONG. 10° 18' W.

Five-day Periods.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1888. Jan. 1-5	1	in. '012	1	in. '005	1	in. '005	1	in. '010	3	in. '060	3	in. '085	4	in. '045	2	in. '062	4	in. '133	2	in. '160	2	in. '230	2	in. '230		
" 6-10	—	—	—	—	1	'015	1	'010	1	'025	2	'010	1	'015	—	—	—	—	—	—	—	—	—	—		
" 11-15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 16-20	—	—	—	—	—	—	1	'010	1	'020	2	'025	2	'010	1	'005	1	'010	—	—	3	'020	1	'005		
" 21-25	3	'045	—	—	1	'025	1	'005	3	'020	3	'015	2	'010	3	'015	2	'010	1	'045	2	'037	2	'015		
" 26-30	—	—	1	'005	1	'005	—	—	—	—	—	—	—	—	1	'010	—	—	1	'015	—	—	—	—		
Feb. 31-4	—	—	—	—	2	'030	—	—	2	'020	3	'025	3	'035	2	'025	1	'015	1	'010	—	—	—	—		
" 5-9	2	'010	1	'010	2	'020	2	'015	1	'005	1	'010	3	'020	—	—	1	'005	1	'015	1	'005	—	—		
" 10-14	3	'015	3	'050	2	'060	1	'005	2	'035	1	'020	4	'175	2	'070	5	'085	3	'025	2	'050	2	'010		
" 15-19	2	'050	2	'080	—	—	2	'010	1	'005	2	'015	3	'030	2	'010	1	'005	2	'040	—	—	1	'020		
" 20-24	1	'005	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 25-1 st	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Mar. 2-6	1	'005	—	—	1	'005	1	'020	1	'100	2	'010	—	—	2	'015	3	'015	1	'005	—	—	—	—		
" 7-11	3	'190	3	'045	2	'220	1	'130	1	'015	2	'045	3	'070	2	'010	2	'010	2	'010	1	'075	1	'005		
" 12-16	2	'035	2	'025	1	'015	—	—	2	'035	—	—	1	'050	1	'010	2	'010	—	—	—	—	2	'090		
" 17-21	—	—	—	—	1	'005	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—		
" 22-26	—	—	2	'030	2	'040	1	'050	1	'025	1	'065	2	'075	2	'135	2	'075	3	'060	—	—	—	—		
" 27-31	2	'140	3	'030	3	'110	3	'200	2	'065	2	'040	2	'020	2	'045	—	—	1	'005	—	—	—	—		
April 1-5	—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	1	'005	—	—	—	—	—	—	—	—		
" 6-10	1	'040	—	—	1	'005	—	—	1	'005	1	'020	1	'005	—	—	1	'005	1	'030	1	'050	1	'025		
" 11-15	2	'025	2	'045	1	'015	1	'010	1	'190	1	'110	—	—	1	'005	2	'010	—	—	—	—	—	—		
" 16-20	1	'005	2	'020	3	'035	1	'005	3	'035	1	'020	2	'040	3	'040	2	'030	2	'010	2	'010	4	'065		
" 21-25	—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	—	—	—	—	—	—	—	—	—	—		
" 26-30	3	'035	2	'035	2	'070	2	'090	3	'080	3	'055	2	'035	2	'120	1	'100	1	'070	1	'085	1	'140		
May 1-5	2	'105	3	'175	1	'150	2	'110	3	'020	1	'030	1	'020	1	'005	1	'005	—	—	—	—	—	—		
" 6-10	2	'110	2	'150	3	'165	3	'080	3	'040	4	'035	3	'025	—	—	3	'015	—	—	—	—	—	—		
" 11-15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 16-20	—	—	2	'015	3	'120	2	'135	2	'065	1	'025	3	'080	2	'070	2	'040	1	'020	—	—	2	'020		
" 21-25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 26-30	—	—	1	'045	—	—	2	'045	2	'115	2	'070	1	'005	—	—	—	—	1	'005	—	—	—	—		
June 31-4	—	—	—	—	2	'065	1	'005	1	'005	1	'010	—	—	1	'005	—	—	—	—	—	—	—	—		
" 5-9	—	—	—	—	—	—	1	'005	1	'005	2	'010	—	—	1	'010	1	'030	2	'065	1	'015	1	'005		
" 10-14	4	'075	3	'065	2	'035	3	'050	2	'165	2	'250	3	'070	3	'065	2	'070	1	'010	—	—	—	—		
" 15-19	1	'080	1	'115	1	'140	1	'065	1	'030	1	'005	1	'005	—	—	—	—	—	—	—	—	—	—		
" 20-24	1	'005	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 25-29	1	'025	1	'015	1	'005	—	—	—	—	1	'005	—	—	—	—	1	'005	—	—	—	—	—	—		

NOTE.—In estimating the number of DAYS on which Rain fell, those on
* This total exceeds the sum of the hourly totals by an amount of rain which was measured,

Rain-gauge, 2 feet above Ground ; 11 feet above Mean Sea Level.

which a fall of less than 0.01 in. was measured have been disregarded, but which, owing to failure of the trace, could not be allocated to the hours at which it fell.

† Six-day period.

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL

Five-day Periods.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1888. July 30-4	1	in. '005	2	in. '040	2	in. '145	—	—	2	in. '030	2	in. '055	2	in. '055	2	in. '010	2	in. '035	1	in. '065	1	in. '035	1	in. '025		
" 5-9	1	'050	1	'045	1	'005	—	—	—	—	2	'040	2	'070	1	'060	2	'010	1	'025	2	'075	1	'010		
" 10-14	—	—	—	—	—	—	—	—	—	—	1	'005	2	'010	1	'005	1	'005	—	—	—	—	—	—		
" 15-19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'010	1	'015	—	—	1	'005	—	—		
" 20-24	2	'060	1	'010	—	—	1	'010	1	'025	1	'005	1	'005	2	'010	2	'010	1	'005	—	—	—	—		
" 25-29	—	—	1	'035	1	'025	1	'040	4	'140	3	'200	2	'100	2	'105	3	'065	—	—	—	—	1	'040		
Aug. 30-3	—	—	—	—	—	—	—	—	1	'015	1	'010	—	—	—	—	1	'005	1	'030	1	'045	1	'010		
" 4-8	1	'010	—	—	1	'005	4	'025	1	'005	2	'010	2	'010	1	'005	—	—	—	—	1	'025	1	'080		
" 9-13	—	—	1	'005	—	—	—	—	—	—	—	—	1	'010	1	'025	1	'005	1	'025	1	'050	2	'040		
" 14-18	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—		
" 19-23	1	'015	1	'005	2	'020	3	'120	3	'095	1	'135	2	'120	1	'050	3	'250	2	'410	2	'555	2	'295		
" 24-28	1	'005	—	—	—	—	3	'110	1	'040	1	'090	2	'130	3	'225	1	'020	1	'005	1	'025	1	'080		
Sept. 29-2	1	'025	2	'030	2	'060	2	'010	3	'030	2	'050	1	'015	2	'045	1	'005	—	—	—	—	1	'005		
" 3-7	3	'040	2	'035	2	'040	2	'065	2	'045	2	'030	2	'060	1	'005	1	'005	—	—	—	—	—	—		
" 8-12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 13-17	1	'015	1	'115	1	'075	1	'060	1	'015	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 18-22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 23-27	—	—	—	—	1	'010	1	'040	—	—	—	—	—	—	1	'005	—	—	1	'005	1	'065	1	'045		
Oct. 28-2	—	—	—	—	—	—	2	'010	2	'010	1	'015	1	'010	1	'025	3	'020	1	'010	1	'015	1	'010		
" 3-7	2	'035	1	'015	2	'025	3	'015	3	'050	1	'005	—	—	2	'025	2	'020	3	'040	2	'125	1	'005		
" 8-12	—	—	—	—	—	—	—	—	—	—	—	—	1	'060	1	'035	1	'015	1	'015	—	—	—	—		
" 13-17	—	—	—	—	—	—	—	—	—	—	—	—	1	'030	—	—	2	'035	1	'045	1	'030	1	'020		
" 18-22	2	'060	1	'055	1	'025	1	'050	—	—	1	'005	—	—	—	—	1	'005	—	—	—	—	—	—		
" 23-27	—	—	1	'015	2	'045	4	'065	2	'035	—	—	2	'055	2	'045	—	—	1	'010	1	'025	—	—		
Nov. 28-1	2	'135	3	'020	1	'020	1	'005	3	'125	1	'005	1	'005	1	'020	3	'060	1	'020	—	—	—	—		
" 2-6	1	'015	1	'020	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 7-11	1	'055	1	'020	2	'030	4	'060	2	'110	2	'130	1	'135	2	'150	4	'035	1	'100	—	—	1	'005		
" 12-16	4	'110	2	'060	2	'050	2	'025	2	'010	—	—	—	—	1	'035	2	'035	—	—	—	—	—	—		
" 17-21	2	'020	3	'020	1	'005	1	'010	3	'020	3	'025	3	'020	2	'015	1	'005	1	'005	—	—	—	—		
" 22-26	1	'020	—	—	1	'005	—	—	—	—	—	—	1	'025	2	'250	2	'100	3	'080	—	—	—	—		
Dec. 27-1	—	—	—	—	—	—	—	—	1	'045	3	'070	2	'025	2	'015	2	'050	2	'020	—	—	2	'095		
" 2-6	2	'025	2	'150	2	'095	1	'160	3	'120	3	'115	3	'115	2	'100	4	'090	3	'270	2	'150	2	'025		
" 7-11	2	'095	2	'065	2	'185	2	'140	1	'005	1	'010	1	'135	1	'065	1	'005	1	'075	—	—	—	—		
" 12-16	—	—	—	—	—	—	—	—	—	—	—	—	1	'060	1	'015	1	'025	1	'010	1	'020	1	'020		
" 17-21	2	'045	—	—	1	'010	1	'005	1	'015	1	'005	1	'005	2	'180	—	—	2	'020	2	'175	2	'180		
" 22-26	2	'100	1	'145	2	'105	3	'100	2	'130	2	'180	2	'220	3	'080	3	'045	3	'055	1	'025	1	'045		
" 27-31	1	'050	1	'130	2	'155	2	'210	1	'180	1	'005	2	'035	1	'015	2	'035	2	'015	1	'005	2	'050		

NOTE.—In estimating the number of DAYS on which Rain fell, those on
 * This total exceeds the sum of the hourly totals by an amount of rain which was measured,

AMOUNTS of RAINFALL registered therein, for FIVE-DAY PERIODS—*continued.*

P.M.													Midt.		Totals for the Five Days.										
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Days (see Note).	Amount.
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1	in. '070	1	in. '075	3	in. '060	3	in. '140	3	in. '065	2	in. '050	1	in. '035	1	in. '015	1	in. '020	2	in. '055	1	in. '020	—	in. —	5	ins. 1'105
1	'015	2	'070	—	—	2	'130	2	'080	1	'015	1	'005	1	'010	2	'115	1	'050	—	—	1	'100	4	'980
—	—	—	—	—	—	—	—	—	—	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	3	'035
1	'015	2	'045	1	'080	2	'245	1	'115	1	'020	—	—	—	—	—	—	—	—	—	—	—	—	2	'550
1	'005	2	'040	1	'170	1	'005	—	—	1	'010	1	'015	2	'170	2	'030	—	—	—	—	1	'020	4	'595
1	'070	1	'030	1	'115	2	'035	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	1'000
1	'025	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	2	'145
1	'090	1	'050	1	'105	1	'020	1	'035	1	'080	1	'005	—	—	—	—	1	'010	—	—	1	'005	3	'575
1	'190	2	'085	1	'020	1	'010	1	'005	1	'005	—	—	—	—	1	'005	—	—	—	—	—	—	2	'480
—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	0	'010
2	'150	2	'075	—	—	1	'095	1	'010	2	'075	1	'005	1	'060	1	'005	1	'070	1	'010	1	'065	5	2'690
—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	1	'030	—	—	—	—	3	'035	2	'015	5	'760
—	—	2	'035	1	'140	—	—	—	—	1	'020	1	'020	—	—	—	—	1	'005	1	'030	2	'085	4	'610
—	—	—	—	—	—	—	—	1	'005	1	'045	1	'025	1	'050	1	'010	1	'010	2	'010	2	'055	5	'535
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	1	'055	1	'150	—	—	1	'015	—	—	1	'005	1	'005	1	'025	1	'150	2	'685
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	'040*
1	'040	1	'005	1	'020	1	'005	—	—	—	—	—	—	—	—	1	'035	1	'020	1	'010	—	—	1	'305
1	'035	—	—	2	'065	1	'005	2	'025	1	'055	1	'070	1	'020	1	'040	1	'080	1	'015	1	'005	4	'540
1	'020	1	'005	1	'010	—	—	1	'025	—	—	—	—	—	—	1	'005	—	—	1	'020	—	—	5	'470*
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'140*
1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'165
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'060	2	'020	3	'280	
2	'135	2	'015	1	'090	1	'025	1	'080	1	'005	1	'010	1	'005	1	'050	1	'105	1	'105	2	'035	4	'955
1	'015	2	'010	2	'020	—	—	1	'005	2	'025	1	'005	1	'010	2	'045	2	'075	1	'005	—	—	5	'630
1	'040	—	—	1	'005	—	—	1	'015	—	—	—	—	1	'010	1	'010	—	—	—	—	—	—	2	'120
1	'020	1	'010	1	'005	2	'045	1	'015	2	'015	—	—	—	—	—	—	1	'005	2	'025	2	'180	4	1'150
—	—	—	—	—	—	—	—	—	—	—	—	1	'010	1	'035	1	'005	1	'005	2	'025	3	'070	5	'475
—	—	—	—	2	'050	1	'005	1	'005	—	—	1	'040	3	'070	2	'035	1	'025	3	'030	2	'015	4	'420
1	'190	1	'205	1	'010	2	'015	—	—	—	—	—	—	—	—	—	—	1	'015	1	'015	1	'005	4	'935
3	'050	1	'010	3	'075	1	'020	—	—	1	'005	1	'020	1	'055	—	—	—	—	1	'010	1	'005	5	'570
2	'010	1	'035	3	'030	2	'050	1	'055	2	'045	2	'145	3	'400	3	'120	3	'150	2	'110	2	'060	4	2'625
1	'010	1	'055	1	'135	1	'020	1	'065	1	'070	1	'035	1	'055	1	'005	1	'030	1	'070	1	'010	3	1'340
1	'010	1	'010	1	'005	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'180
2	'110	2	'100	1	'180	1	'050	1	'005	—	—	—	—	—	—	1	'025	2	'070	2	'160	2	'110	3	1'450
1	'030	4	'100	3	'080	1	'025	3	'085	3	'060	3	'110	3	'060	2	'010	—	—	3	'040	2	'080	5	1'910
1	'010	—	—	—	—	—	—	2	'025	2	'020	1	'040	—	—	1	'005	—	—	—	—	1	'005	4	1'400*

which a fall of less than 0'01 in. was measured have been disregarded, but which, owing to failure of the trace, could not be allocated to the hours at which it fell.

VALENCIA OBSERVATORY

TABLE VI.—HOURLY and DAILY MEANS of
Barometer Cistern, 23 feet

1888.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	ins. 30°150	ins. 30°145	ins. 30°145	ins. 30°148	ins. 30°145	ins. 30°144	ins. 30°142	ins. 30°143	ins. 30°148	ins. 30°155	ins. 30°158	ins. 30°164	ins. 30°157
Feb. -	30°140	30°135	30°131	30°127	30°123	30°122	30°122	30°126	30°135	30°140	30°145	30°151	30°150
March	29°661	29°655	29°650	29°641	29°635	29°633	29°633	29°637	29°640	29°644	29°643	29°647	29°645
April -	29°956	29°950	29°942	29°935	29°932	29°930	29°930	29°936	29°937	29°939	29°939	29°942	29°937
May -	29°944	29°938	29°933	29°929	29°931	29°935	29°945	29°953	29°962	29°967	29°973	29°978	29°979
June -	29°893	29°885	29°881	29°876	29°871	29°873	29°876	29°880	29°883	29°885	29°888	29°888	29°890
July -	29°767	29°763	29°758	29°752	29°747	29°746	29°747	29°750	29°750	29°749	29°747	29°748	29°747
August	29°940	29°935	29°931	29°927	29°921	29°919	29°924	29°926	29°930	29°929	29°933	29°929	29°929
Sept. -	30°151	30°146	30°141	30°135	30°132	30°130	30°131	30°141	30°148	30°152	30°157	30°152	30°151
Oct. -	30°017	30°010	30°006	29°998	29°991	29°988	29°989	29°991	30°000	30°002	30°005	30°004	30°002
Nov. -	29°653	29°646	29°638	29°633	29°625	29°621	29°623	29°625	29°639	29°640	29°659	29°665	29°664
Dec. -	29°790	29°784	29°777	29°774	29°767	29°759	29°758	29°759	29°766	29°772	29°782	29°786	29°784
Year -	29°922	29°916	29°911	29°906	29°902	29°900	29°902	29°906	29°912	29°915	29°919	29°921	29°920

TABLE VII.—HOURLY and DAILY MEANS of
Thermometer, 12

1888.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	44°3	44°5	44°4	44°5	44°6	44°7	44°6	44°5	44°2	44°5	44°7	45°5	46°1
Feb. -	39°8	39°9	39°9	39°8	39°7	39°5	39°3	39°3	39°2	39°8	40°5	41°5	42°0
March	39°8	39°8	39°5	39°3	38°9	39°3	39°2	39°1	39°6	41°0	42°3	43°8	44°3
April -	44°8	44°8	44°5	44°2	43°8	43°6	43°3	43°8	44°8	46°1	47°1	47°7	48°1
May -	49°4	49°2	49°0	48°9	48°4	48°3	48°8	50°2	51°5	53°0	54°3	55°0	55°9
June -	54°6	54°3	54°0	53°9	53°6	53°5	54°1	55°3	56°4	57°9	58°5	59°6	60°0
July -	55°0	54°8	54°5	54°4	54°2	54°3	54°6	55°7	56°6	57°8	58°5	59°3	59°7
August	56°5	56°4	56°2	56°1	55°8	55°5	55°5	56°4	57°5	59°0	60°1	60°8	61°3
Sept. -	53°4	53°1	52°9	52°6	52°3	52°0	51°8	52°0	53°5	55°5	56°8	58°3	59°0
Oct. -	50°8	50°9	50°8	50°7	50°5	50°5	50°5	50°5	50°8	52°0	52°6	53°7	54°6
Nov. -	49°0	49°0	48°8	48°9	48°8	48°8	49°0	49°1	49°0	49°3	49°6	50°3	50°6
Dec. -	46°5	46°8	46°8	47°0	46°7	46°9	46°6	46°4	45°4	46°5	46°5	47°6	48°0
Year -	48°7	48°6	48°4	48°4	48°1	48°1	48°1	48°5	49°1	50°2	51°0	51°9	52°5

TABLE VIII.—HOURLY and DAILY MEAN DIFFERENCE between the DRY

1888.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	1°2	1°2	1°2	1°2	1°3	1°4	1°4	1°4	1°3	1°4	1°3	1°5	1°7
Feb. -	1°8	1°8	1°8	1°8	1°8	1°7	1°6	1°5	1°4	1°7	1°9	2°2	2°3
March	1°8	1°7	1°5	1°5	1°3	1°5	1°8	1°7	1°6	2°1	2°5	3°0	3°2
April -	1°9	1°9	1°8	1°8	1°6	1°5	1°5	1°6	1°7	2°2	2°8	2°9	3°1
May -	1°8	1°7	1°7	1°6	1°6	1°6	1°7	2°1	2°6	3°3	3°7	4°1	4°5
June -	1°8	1°7	1°6	1°6	1°7	1°6	1°8	2°1	2°6	3°4	3°8	4°2	4°3
July -	2°2	2°1	2°0	1°9	1°9	1°7	1°8	2°1	2°5	3°1	3°5	3°7	3°9
August	1°8	1°8	1°8	1°9	1°8	1°7	1°8	1°9	2°2	2°9	3°6	3°9	4°0
Sept. -	2°0	1°8	1°8	1°8	1°7	1°7	1°7	1°7	2°0	2°6	3°0	3°6	3°9
Oct. -	2°1	2°1	2°1	2°2	2°0	1°8	2°0	1°9	1°8	2°0	2°4	2°8	3°2
Nov. -	1°9	1°9	2°0	2°2	2°1	1°9	2°0	1°9	1°9	2°0	2°1	2°3	2°4
Dec. -	1°6	1°6	1°7	1°6	1°5	1°4	1°4	1°4	1°4	1°4	1°3	1°8	1°9
Year -	1°8	1°8	1°8	1°8	1°7	1°6	1°7	1°8	1°9	2°3	2°7	3°0	3°2

LAT. 51° 55' N. LONG. 10° 18' W.

PRESSURE for each CALENDAR MONTH and for the YEAR.
above Mean Sea Level.

P.M.											Midt.	Daily Means (Month).	1888.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
ins. 30°150	ins. 30°137	ins. 30°140	ins. 30°139	ins. 30°144	ins. 30°145	ins. 30°147	ins. 30°148	ins. 30°149	ins. 30°150	ins. 30°155	ins. 30°155	ins. 30°148	Jan.
30°146	30°138	30°136	30°137	30°140	30°148	30°156	30°158	30°160	30°159	30°160	30°159	30°142	Feb.
29°645	29°638	29°637	29°633	29°635	29°638	29°644	29°647	29°648	29°650	29°651	29°649	29°643	March.
29°930	29°925	29°927	29°930	29°908	29°909	29°930	29°913	29°918	29°919	29°917	29°916	29°928	April.
29°980	29°984	29°982	29°981	29°982	29°981	29°980	29°982	29°988	29°989	29°988	29°985	29°967	May.
29°885	29°883	29°881	29°881	29°878	29°877	29°878	29°882	29°888	29°893	29°891	29°888	29°883	June.
29°746	29°748	29°749	29°748	29°748	29°748	29°752	29°756	29°762	29°766	29°766	29°767	29°753	July.
29°929	29°930	29°927	29°929	29°928	29°933	29°939	29°948	29°953	29°957	29°955	29°954	29°934	August.
30°146	30°142	30°134	30°129	30°125	30°128	30°131	30°138	30°139	30°142	30°138	30°137	30°140	Sept.
29°995	29°991	29°986	29°988	29°990	30°000	30°005	30°009	30°010	30°016	30°012	30°010	30°001	Oct.
29°657	29°654	29°652	29°657	29°656	29°661	29°664	29°664	29°661	29°659	29°652	29°649	29°649	Nov.
29°777	29°773	29°775	29°784	29°792	29°800	29°802	29°806	29°805	29°805	29°804	29°803	29°783	Dec.
29°916	29°912	29°910	29°910	29°911	29°914	29°917	29°921	29°923	29°925	29°924	29°923	29°914	Year.

TEMPERATURE for each CALENDAR MONTH and for the YEAR.
feet above Ground.

P.M.											Midt.	Daily Means (Month).	1888.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
46°7	46°7	46°5	46°0	45°4	44°9	44°8	44°7	44°6	44°7	44°7	44°3	45°0	Jan.
42°8	42°8	42°1	42°5	42°1	41°1	40°7	40°4	39°9	40°0	39°7	39°6	40°6	Feb.
45°0	45°0	45°0	44°5	44°1	43°1	42°2	41°3	41°1	40°6	40°4	39°9	41°5	March.
48°8	48°9	49°1	49°2	48°8	48°3	47°3	46°4	46°0	45°5	45°2	45°1	46°2	April.
56°1	56°0	55°9	55°4	55°5	54°9	54°0	52°3	51°0	50°4	50°1	49°5	52°1	May.
60°9	60°7	60°8	60°2	59°6	59°0	58°3	57°0	56°0	55°4	54°9	54°5	56°9	June.
60°1	59°7	59°8	59°4	59°6	59°2	58°4	57°3	56°4	55°7	55°4	55°1	57°0	July.
62°2	62°4	62°5	62°2	61°8	60°7	59°8	58°5	57°6	56°9	56°7	56°5	58°6	August.
59°9	60°0	60°0	59°4	59°0	57°6	55°9	54°6	54°0	53°5	53°5	53°3	55°4	Sept.
55°2	55°3	55°2	54°6	53°6	52°5	52°1	51°7	51°7	51°1	51°1	50°8	52°2	Oct.
50°9	50°6	50°7	50°3	49°7	49°6	49°4	49°2	49°3	49°0	49°1	48°7	49°5	Nov.
48°6	48°3	48°0	47°5	46°9	46°5	46°6	46°3	46°7	46°5	46°5	46°6	46°9	Dec.
53°1	53°0	53°1	52°6	52°2	51°5	50°8	50°0	49°5	49°1	48°9	48°7	50°2	Year.

and WET-BULB THERMOMETERS, for each CALENDAR MONTH and for the YEAR.

P.M.											Midt.	Daily Means (Month).	1888.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
1°8	2°0	1°9	1°8	1°6	1°4	1°4	1°5	1°4	1°6	1°4	1°2	1°5	Jan.
2°8	2°7	2°9	2°6	2°6	2°2	2°3	2°2	2°0	1°9	1°8	1°7	2°0	Feb.
3°4	3°3	3°3	2°8	2°6	2°3	2°2	1°8	1°8	1°8	1°8	1°7	2°1	March.
3°2	3°2	3°1	3°2	3°0	3°0	2°5	2°2	2°1	1°9	1°8	1°9	2°3	April.
4°6	4°5	4°5	4°5	4°6	4°3	3°9	3°0	2°5	2°2	2°0	1°9	3°0	May.
4°5	4°4	4°4	4°2	3°7	3°3	3°0	2°5	2°2	2°0	1°8	1°7	2°8	June.
4°0	3°8	3°8	3°5	3°6	3°5	3°1	2°6	2°4	2°2	2°2	2°2	2°7	July.
4°3	4°5	4°4	4°2	4°0	3°6	3°2	2°6	2°2	1°9	1°8	1°7	2°8	August.
4°4	4°5	4°5	4°3	4°1	3°3	2°6	2°1	1°9	1°9	2°0	2°1	2°7	Sept.
3°4	3°6	3°6	3°3	2°9	2°6	2°4	2°4	2°4	2°2	2°1	2°1	2°5	Oct.
2°6	2°5	2°6	2°5	2°2	2°2	2°1	2°0	2°2	2°0	2°0	1°7	2°2	Nov.
2°2	2°1	2°0	1°8	1°7	1°5	1°7	1°5	1°6	1°5	1°3	1°5	1°6	Dec.
3°4	3°4	3°4	3°2	3°1	2°8	2°5	2°2	2°1	1°9	1°8	1°8	2°4	Year.

VALENCIA OBSERVATORY

TABLE VI.—HOURLY and DAILY MEANS of
Barometer Cistern, 23 feet

1888.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	ins. 30°150	ins. 30°145	ins. 30°145	ins. 30°148	ins. 30°145	ins. 30°144	ins. 30°142	ins. 30°143	ins. 30°148	ins. 30°155	ins. 30°158	ins. 30°164	ins. 30°157
Feb. -	30°140	30°135	30°131	30°127	30°123	30°122	30°122	30°126	30°135	30°140	30°145	30°151	30°150
March -	29°661	29°655	29°650	29°641	29°635	29°633	29°633	29°637	29°640	29°644	29°643	29°647	29°645
April -	29°956	29°950	29°942	29°935	29°932	29°930	29°930	29°936	29°937	29°939	29°939	29°940	29°937
May -	29°944	29°938	29°933	29°929	29°931	29°935	29°945	29°953	29°962	29°967	29°973	29°978	29°979
June -	29°893	29°885	29°881	29°876	29°871	29°873	29°876	29°880	29°883	29°885	29°888	29°888	29°890
July -	29°707	29°703	29°708	29°752	29°747	29°746	29°747	29°750	29°750	29°740	29°747	29°748	29°747
August -	29°940	29°935	29°931	29°927	29°921	29°919	29°924	29°926	29°930	29°929	29°933	29°929	29°929
Sept. -	30°151	30°146	30°141	30°135	30°132	30°130	30°131	30°141	30°148	30°152	30°157	30°152	30°151
Oct. -	30°017	30°010	30°006	29°998	29°991	29°988	29°989	29°991	30°000	30°002	30°005	30°004	30°002
Nov. -	29°653	29°646	29°638	29°633	29°625	29°621	29°623	29°625	29°639	29°649	29°659	29°665	29°664
Dec. -	29°790	29°784	29°777	29°774	29°767	29°759	29°758	29°759	29°766	29°772	29°782	29°786	29°784
Year -	29°922	29°916	29°911	29°906	29°902	29°900	29°902	29°906	29°912	29°915	29°919	29°921	29°920

TABLE VII.—HOURLY and DAILY MEANS of
Thermometer, 12

1888.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	44°3	44°5	44°4	44°5	44°6	44°7	44°6	44°5	44°2	44°5	44°7	45°5	46°1
Feb. -	39°8	39°9	39°9	39°8	39°7	39°5	39°3	39°3	39°2	39°8	40°5	41°5	42°0
March -	39°8	39°8	39°5	39°3	38°9	39°3	39°2	39°1	39°6	41°0	42°3	43°8	44°3
April -	44°8	44°8	44°5	44°2	43°8	43°6	43°3	43°8	44°8	46°1	47°1	47°7	48°1
May -	49°4	49°2	49°0	48°9	48°4	48°3	48°8	50°2	51°5	53°0	54°3	55°0	55°9
June -	54°6	54°3	54°0	53°9	53°6	53°5	54°1	55°3	56°4	57°9	58°5	59°6	60°0
July -	55°0	54°8	54°5	54°4	54°2	54°3	54°6	55°7	56°6	57°8	58°5	59°3	59°7
August -	56°5	56°4	56°2	56°1	55°8	55°5	55°5	56°4	57°5	59°0	60°1	60°8	61°3
Sept. -	53°4	53°1	52°9	52°6	52°3	52°0	51°8	52°0	53°5	55°5	56°8	58°3	59°0
Oct. -	50°8	50°9	50°8	50°7	50°5	50°5	50°5	50°5	50°8	52°0	52°6	53°7	54°6
Nov. -	49°0	49°0	48°8	48°9	48°8	48°8	49°0	49°1	49°0	49°3	49°6	50°3	50°6
Dec. -	46°5	46°8	46°8	47°0	46°7	46°9	46°6	46°4	45°4	46°5	46°5	47°6	48°0
Year -	48°7	48°6	48°4	48°4	48°1	48°1	48°1	48°3	49°1	50°2	51°0	51°9	52°5

TABLE VIII.—HOURLY and DAILY MEAN DIFFERENCE between the DRY

1888.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	1°2	1°2	1°2	1°2	1°3	1°4	1°4	1°4	1°3	1°4	1°3	1°5	1°7
Feb. -	1°8	1°8	1°8	1°8	1°8	1°7	1°6	1°5	1°4	1°7	1°9	2°2	2°3
March -	1°8	1°7	1°5	1°5	1°3	1°5	1°8	1°7	1°6	2°1	2°5	3°0	3°2
April -	1°9	1°9	1°8	1°8	1°6	1°5	1°5	1°6	1°7	2°2	2°8	2°9	3°1
May -	1°8	1°7	1°7	1°6	1°6	1°6	1°7	2°1	2°6	3°3	3°7	4°1	4°5
June -	1°8	1°7	1°6	1°6	1°7	1°6	1°8	2°1	2°6	3°4	3°8	4°2	4°3
July -	2°2	2°1	2°0	1°9	1°9	1°7	1°8	2°1	2°5	3°1	3°5	3°7	3°9
August -	1°8	1°8	1°8	1°9	1°8	1°7	1°8	1°9	2°2	2°9	3°6	3°9	4°0
Sept. -	2°0	1°8	1°8	1°8	1°7	1°7	1°7	1°7	2°0	2°6	3°0	3°6	3°9
Oct. -	2°1	2°1	2°1	2°2	2°0	1°8	2°0	1°9	1°8	2°0	2°4	2°8	3°2
Nov. -	1°9	1°9	2°0	2°2	2°1	1°9	2°0	1°9	1°9	2°0	2°1	2°3	2°4
Dec. -	1°6	1°6	1°7	1°6	1°5	1°4	1°4	1°4	1°4	1°4	1°3	1°8	1°9
Year -	1°8	1°8	1°8	1°8	1°7	1°6	1°7	1°8	1°9	2°3	2°7	3°0	3°2

LAT. 51° 55' N. LONG. 10° 18' W.

PRESSURE for each CALENDAR MONTH and for the YEAR.
above Mean Sea Level.

P.M.											Midt.	Daily Means (Month).	1888.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
ins. 30°150	ins. 30°137	ins. 30°140	ins. 30°139	ins. 30°144	ins. 30°145	ins. 30°147	ins. 30°148	ins. 30°149	ins. 30°150	ins. 30°155	ins. 30°155	ins. 30°148	Jan.
30°146	30°138	30°136	30°137	30°140	30°148	30°156	30°158	30°160	30°159	30°160	30°159	30°143	Feb.
29°645	29°638	29°637	29°633	29°635	29°638	29°644	29°647	29°648	29°650	29°651	29°649	29°643	March.
29°930	29°925	29°927	29°910	29°908	29°909	29°910	29°913	29°918	29°919	29°917	29°916	29°928	April.
29°980	29°984	29°982	29°981	29°982	29°981	29°980	29°982	29°988	29°989	29°988	29°985	29°967	May.
29°885	29°883	29°881	29°881	29°878	29°877	29°878	29°882	29°888	29°893	29°891	29°888	29°883	June.
29°746	29°748	29°749	29°748	29°748	29°748	29°752	29°756	29°762	29°766	29°766	29°767	29°753	July.
29°929	29°930	29°927	29°929	29°928	29°933	29°939	29°948	29°953	29°957	29°955	29°954	29°934	August.
30°146	30°142	30°134	30°129	30°125	30°128	30°131	30°138	30°139	30°142	30°138	30°137	30°140	Sept.
29°995	29°991	29°986	29°988	29°990	30°000	30°005	30°009	30°010	30°016	30°012	30°010	30°001	Oct.
29°657	29°654	29°652	29°657	29°656	29°661	29°664	29°664	29°661	29°659	29°652	29°649	29°649	Nov.
29°777	29°773	29°775	29°784	29°792	29°800	29°802	29°806	29°805	29°805	29°804	29°803	29°783	Dec.
29°916	29°912	29°910	29°910	29°911	29°914	29°917	29°921	29°923	29°925	29°924	29°923	29°914	Year.

TEMPERATURE for each CALENDAR MONTH and for the YEAR.
feet above Ground.

P.M.											Midt.	Daily Means (Month).	1888.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
46°7	46°7	46°5	46°0	45°4	44°9	44°8	44°7	44°6	44°7	44°7	44°3	45°0	Jan.
42°8	42°8	43°1	42°5	42°1	41°1	40°7	40°4	39°9	40°0	39°7	39°6	40°6	Feb.
45°0	45°0	45°0	44°5	44°1	43°1	42°2	41°3	41°1	40°6	40°4	39°9	41°5	March.
48°8	48°9	49°1	49°2	48°8	48°3	47°3	46°4	46°0	45°5	45°2	45°1	46°2	April.
56°1	56°0	55°9	55°4	55°5	54°9	54°0	52°3	51°0	50°4	50°1	49°5	52°1	May.
60°9	60°7	60°8	60°2	59°6	59°0	58°3	57°0	56°0	55°4	54°9	54°5	56°9	June.
60°1	59°7	59°8	59°4	59°6	59°2	58°4	57°3	56°4	55°7	55°4	55°1	57°0	July.
62°2	62°4	62°5	62°2	61°8	60°7	59°8	58°5	57°6	56°9	56°7	56°5	58°6	August.
59°9	60°0	60°0	59°4	59°0	57°6	55°9	54°6	54°0	53°5	53°5	53°3	55°4	Sept.
55°2	55°3	55°2	54°6	53°6	52°5	52°1	51°7	51°7	51°1	51°1	50°8	52°2	Oct.
50°9	50°6	50°7	50°3	49°7	49°6	49°4	49°2	49°3	49°0	49°1	48°7	49°5	Nov.
48°6	48°3	48°0	47°5	46°9	46°5	46°6	46°3	46°7	46°5	46°5	46°6	46°9	Dec.
53°1	53°0	53°1	52°6	52°2	51°5	50°8	50°0	49°5	49°1	48°9	48°7	50°2	Year.

and WET-BULB THERMOMETERS, for each CALENDAR MONTH and for the YEAR.

P.M.											Midt.	Daily Means (Month).	1888.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
1°8	2°0	1°9	1°8	1°6	1°4	1°4	1°5	1°4	1°6	1°4	1°2	1°5	Jan.
2°8	2°7	2°9	2°6	2°6	2°2	2°3	2°2	2°0	1°9	1°8	1°7	2°0	Feb.
3°4	3°3	3°3	2°8	2°6	2°3	2°2	1°8	1°8	1°8	1°8	1°7	2°1	March.
3°2	3°2	3°1	3°2	3°0	3°0	2°5	2°2	2°1	1°9	1°8	1°9	2°3	April.
4°6	4°5	4°5	4°5	4°6	4°3	3°9	3°0	2°5	2°2	2°0	1°9	3°0	May.
4°5	4°4	4°4	4°2	3°7	3°3	3°0	2°5	2°2	2°0	1°8	1°7	2°8	June.
4°0	3°8	3°8	3°5	3°6	3°5	3°1	2°6	2°4	2°2	2°2	2°2	2°7	July.
4°3	4°5	4°4	4°2	4°0	3°6	3°2	2°6	2°2	1°9	1°8	1°7	2°8	August.
4°4	4°5	4°5	4°3	4°1	3°3	2°6	2°1	1°9	1°9	2°0	2°1	2°7	Sept.
3°4	3°6	3°6	3°3	2°9	2°6	2°4	2°4	2°4	2°2	2°1	2°1	2°5	Oct.
2°6	2°5	2°6	2°5	2°2	2°2	2°1	2°0	2°2	2°0	2°0	1°7	2°2	Nov.
2°2	2°1	2°0	1°8	1°7	1°5	1°7	1°5	1°6	1°5	1°3	1°5	1°6	Dec.
3°4	3°4	3°4	3°2	3°1	2°8	2°5	2°2	2°1	1°9	1°8	1°8	2°4	Year.

VALENCIA OBSERVATORY

TABLE IX.—MEAN HOURLY and DAILY WIND

1888.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
January	-8'4	+1'8	-7'6	+1'0	-6'3	+0'4	-4'9	+0'9	-5'7	+0'3	-4'0	-0'4	-5'3	+1'8	-5'9	+2'8	-7'6	+2'9	-7'3	+3'8	-6'3	+2'9	-8'4	+3'3
February	+8'7	+2'5	+7'8	+1'7	+8'4	+1'5	+8'5	+0'8	+0'4	+1'7	+9'1	+1'5	+8'2	+1'7	+7'7	+2'0	+7'8	+1'6	+8'5	+1'2	+7'7	+0'9	+8'9	+1'1
March	+0'1	+1'1	+0'7	-0'5	-0'2	-0'5	+0'9	+0'6	+1'5	0'0	+1'9	+0'2	+1'5	+0'4	+1'5	-0'5	+2'3	-1'3	+2'0	-0'9	+2'7	-1'6	+3'0	-2'4
April	+1'3	-2'6	+0'6	-2'7	+1'1	-3'1	+3'3	-3'7	+3'4	-3'9	+4'2	-2'4	+3'8	-2'2	+4'7	-1'2	+5'2	-2'0	+4'4	-1'7	+5'3	-0'5	+4'8	-0'5
May	-7'0	-3'7	-7'6	-2'6	-7'4	-3'1	-4'3	-3'8	-4'6	-3'2	-3'1	-3'9	-3'4	-4'5	-4'0	-3'5	-4'5	-2'8	-4'8	-3'5	-5'1	-4'1	-6'4	-4'9
June	-2'1	+1'2	-1'8	+0'1	-1'7	-0'3	-1'7	-0'4	-1'3	-0'3	-1'6	0'0	-2'6	-1'3	-2'2	-0'6	-2'1	+0'1	-1'4	-0'2	-2'8	-0'7	-3'3	-1'3
July	+0'3	-3'1	-0'4	-3'0	0'0	-2'5	+0'3	-2'0	-0'4	-1'6	-0'4	-1'6	-0'5	-2'8	-0'7	-2'7	-1'6	-3'1	-1'6	-3'5	-3'3	-4'0	-4'9	-4'8
August	-7'2	-3'1	-7'1	-1'4	-6'7	-2'5	-6'9	-1'9	-6'8	-2'1	-6'3	-1'6	-6'5	-1'5	-7'7	-1'7	-8'2	-1'7	-7'9	-2'6	-9'1	-3'1	-9'8	-3'0
September	-0'7	-0'1	-0'2	-0'1	-0'4	-0'1	+0'5	+0'1	+0'5	-0'2	+0'1	-0'3	+0'6	+0'3	+0'6	+1'1	+0'4	+1'3	-0'5	+1'6	-0'8	+1'9	-1'5	+1'9
October	-6'4	-0'3	-5'2	-0'4	-5'4	-1'4	-6'1	-1'2	-6'2	-1'3	-6'7	-1'7	-6'2	-0'9	-6'6	-1'0	-6'5	-0'2	-6'1	-0'3	-6'4	-1'6	-6'5	-1'1
November	-8'3	-2'2	-7'7	-2'6	-7'3	-3'0	-8'1	-4'4	-8'6	-4'3	-7'3	-4'5	-4'7	-4'3	-2'4	-5'6	-1'7	-4'4	-3'4	-4'4	-4'0	-4'3	-4'0	-2'9
December	-11'9	-0'9	-12'1	-0'6	-12'6	-0'1	-13'2	-0'6	-12'7	-1'2	-13'1	-1'6	-11'8	-1'5	-11'1	-1'6	-11'6	-0'9	-11'6	+1'2	-11'7	+1'2	-10'9	-0'4
Year	-3'5	-0'8	-3'4	-0'9	-3'2	-1'2	-2'6	-1'3	-2'6	-1'3	-2'3	-1'4	-2'2	-1'2	-2'2	-1'0	-2'3	-0'9	-2'5	-0'8	-2'8	-1'1	-3'2	-1'3

TABLE X.—NUMBER of HOURS in which RAIN fell, and the

Rain-gauge 2 feet above Ground;

1888.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.
January	4	in. '057	2	in. '010	5	in. '070	4	in. '035	9	in. '140	11	in. '140	10	in. '090	7	in. '092	7	in. '153	5	in. '230	7	in. '287	5	in. '240
February	8	'080	6	'140	5	'090	5	'030	6	'055	6	'065	12	'250	6	'105	8	'110	6	'080	3	'055	3	'030
March	8	'370	10	'130	10	'395	6	'400	7	'240	7	'160	9	'220	9	'215	9	'110	7	'080	1	'075	3	'095
April	7	'105	6	'100	7	'125	4	'105	8	'310	8	'215	7	'090	7	'170	6	'145	4	'110	4	'145	6	'230
May	4	'215	8	'385	7	'435	9	'370	10	'240	8	'160	8	'130	3	'075	6	'060	2	'025	—	—	2	'020
June	7	'185	7	'205	6	'245	6	'125	6	'210	7	'280	4	'075	5	'080	4	'105	3	'075	1	'015	1	'005
July	4	'115	4	'125	4	'175	2	'050	7	'205	10	'315	9	'240	10	'200	12	'145	3	'095	4	'115	3	'075
August	3	'030	3	'030	4	'045	11	'260	7	'165	6	'285	9	'290	7	'345	6	'280	5	'470	6	'700	8	'450
September	5	'080	4	'160	5	'165	6	'175	5	'070	2	'030	2	'060	3	'015	2	'010	1	'005	1	'065	2	'055
October	5	'105	5	'095	6	'115	10	'140	8	'150	4	'030	6	'160	7	'150	10	'145	8	'140	5	'195	2	'025
November	10	'345	8	'130	7	'095	7	'095	9	'250	7	'220	7	'205	9	'465	12	'230	6	'190	—	—	3	'100
December	9	'315	6	'490	9	'550	9	'615	8	'450	9	'320	10	'570	10	'455	11	'200	13	'460	7	'375	8	'320
Year	74	2'002	69	2'000	75	2'505	79	2'400	90	2'485	85	2'220	93	2'380	83	2'367	93	1'693	63	1'960	39	2'027	46	1'645

NOTE.—In estimating the number of DAYS on which Rain fell, those on which
 * This total exceeds the sum of the hourly totals by an amount of rain which was measured

LAT. 51° 55' N. LONG. 10° 18' W.

COMPONENTS for each CALENDAR MONTH and for the YEAR.

P.M.																							Midt.		Daily Means (Month).		1888.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.		
- 8'3	+ 3'5	- 8'9	+ 3'5	- 5'5	+ 2'0	- 4'9	+ 4'5	- 4'8	+ 3'2	- 5'8	+ 5'4	- 5'2	+ 3'7	- 5'6	+ 4'3	- 5'9	+ 3'8	- 7'0	+ 1'6	- 7'7	+ 3'0	- 7'2	+ 4'6	- 6'4	+ 2'7	January.	
+ 10'0	+ 1'3	+ 10'5	- 0'4	+ 10'8	- 1'6	+ 10'5	+ 0'2	+ 10'5	+ 0'6	+ 9'4	+ 1'4	+ 9'3	+ 0'4	+ 8'4	+ 0'9	+ 8'2	+ 0'9	+ 7'4	+ 1'7	+ 7'0	+ 2'0	+ 6'2	+ 1'6	+ 8'7	+ 1'1	February.	
+ 3'8	- 3'1	+ 4'6	- 4'5	+ 4'0	- 4'4	+ 2'8	- 4'8	+ 3'7	- 3'0	+ 3'1	- 1'4	+ 2'0	- 0'7	+ 1'2	- 1'0	+ 1'0	+ 0'7	+ 1'5	+ 0'6	+ 0'8	+ 0'4	+ 1'1	+ 0'4	+ 2'0	- 1'1	March.	
+ 3'8	- 1'0	+ 3'0	- 2'1	+ 3'4	- 2'5	+ 3'9	- 2'6	+ 3'8	- 1'9	+ 3'5	- 1'4	+ 2'7	- 1'0	+ 2'1	- 1'4	+ 2'2	- 1'7	+ 0'4	- 2'6	+ 0'9	- 3'5	+ 0'4	- 2'2	+ 3'0	- 2'1	April.	
- 7'5	- 7'4	- 8'8	- 7'3	- 7'4	- 7'4	- 7'4	- 7'2	- 7'0	- 7'4	- 7'3	- 5'9	- 6'5	- 4'4	- 5'8	- 3'8	- 7'0	- 3'4	- 6'9	- 3'4	- 7'4	- 2'4	- 7'3	- 2'5	- 6'2	- 4'4	May.	
- 4'4	- 0'7	- 4'5	- 2'5	- 3'2	- 3'9	- 2'1	- 2'3	- 1'2	- 3'3	- 1'8	- 1'6	- 0'9	- 1'0	- 1'4	- 1'3	- 1'8	- 0'4	- 2'2	- 0'3	- 1'5	- 0'2	- 0'9	+ 0'4	- 2'1	- 0'9	June.	
- 4'3	- 5'8	- 2'7	- 6'5	- 3'7	- 6'2	- 3'5	- 6'2	- 2'0	- 5'8	- 1'0	- 5'4	- 0'3	- 4'9	+ 0'3	- 3'1	+ 0'9	- 3'6	+ 1'2	- 3'2	+ 1'5	- 3'2	+ 1'1	- 3'3	- 1'1	- 3'8	July.	
- 9'7	- 5'5	- 7'7	- 7'1	- 8'4	- 8'0	- 9'1	- 8'0	- 9'2	- 8'1	- 7'0	- 7'5	- 5'7	- 6'8	- 6'0	- 5'0	- 5'9	- 4'0	- 5'8	- 4'5	- 6'2	- 3'9	- 6'8	- 3'5	- 7'4	- 4'1	August.	
- 1'1	+ 1'7	0'0	+ 0'2	- 0'2	+ 0'4	+ 0'4	+ 0'2	+ 0'1	0'0	+ 0'2	- 0'6	+ 0'6	0'0	+ 0'1	0'0	0'0	+ 0'2	- 0'7	+ 0'5	- 0'5	+ 0'1	+ 0'7	- 0'6	- 0'1	+ 0'4	September.	
- 6'9	- 0'7	- 5'7	- 1'6	- 5'4	- 0'8	- 5'9	- 0'7	- 5'6	- 1'5	- 3'8	- 1'7	- 4'8	- 1'6	- 4'3	- 0'5	- 5'7	- 0'3	- 5'5	- 0'4	- 5'5	- 1'1	- 6'4	- 0'1	- 5'8	- 0'9	October.	
- 4'9	- 3'9	- 4'2	- 4'4	- 5'1	- 5'8	- 5'0	- 5'2	- 5'8	- 3'5	- 6'2	- 3'4	- 5'2	- 3'7	- 7'5	- 2'4	- 8'0	- 2'3	- 9'6	- 1'2	- 9'8	- 2'1	- 11'3	- 1'5	- 6'3	- 3'6	November.	
- 11'8	- 0'1	- 11'9	- 1'5	- 7'6	- 1'3	- 8'0	- 0'4	- 8'3	+ 0'3	- 8'6	+ 1'4	- 7'6	+ 2'3	- 8'8	+ 2'6	- 8'3	+ 2'3	- 8'7	+ 2'8	- 9'7	+ 2'2	- 10'5	+ 1'7	- 10'6	+ 0'2	December.	
- 3'4	- 1'8	- 3'0	- 2'9	- 2'4	- 3'3	- 2'4	- 2'7	- 2'2	- 2'5	- 2'1	- 1'7	- 1'8	- 1'5	- 2'3	- 0'9	- 2'5	- 0'7	- 3'0	- 0'7	- 3'2	- 0'7	- 3'4	- 0'4	- 2'7	- 1'4	Year.	

TOTAL AMOUNTS of RAINFALL MEASURED, for each HOUR, and CALENDAR MONTH, and for the YEAR.

11 feet above Mean Sea Level.

P.M.																			Midt.		Monthly Totals.		1888.			
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.				24.		
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.		Amount.	Rainy Days.	Amount.
4	in. '128	4	in. '123	2	in. '197	2	in. '180	5	in. '143	7	in. '165	9	in. '265	7	in. '330	6	in. '390	6	in. '450	6	in. '207	7	in. '161	19	4'295"	January.
1	'005	3	'035	4	'035	2	'055	4	'045	5	'090	5	'095	5	'090	2	'050	3	'055	5	'065	4	'120	19	1'830	February.
3	'085	6	'125	3	'065	6	'155	1	'010	4	'105	3	'220	8	'205	9	'215	6	'370	6	'230	5	'250	23	4'675"	March.
5	'235	5	'050	4	'030	3	'035	4	'110	5	'040	2	'040	3	'075	4	'090	4	'060	4	'100	7	'200	15	2'915	April.
2	'030	3	'125	4	'155	4	'040	3	'075	3	'245	2	'370	3	'260	4	'075	5	'160	2	'010	6	'075	17	3'735	May.
4	'120	4	'175	4	'170	4	'115	6	'180	7	'305	3	'145	5	'105	3	'090	3	'105	3	'235	5	'195	20	3'545	June.
5	'175	8	'260	6	'425	10	'555	6	'260	6	'105	3	'055	4	'195	5	'155	3	'105	1	'020	2	'120	23	4'285	July.
5	'455	6	'230	3	'265	3	'125	3	'050	7	'190	5	'040	2	'090	2	'010	3	'085	4	'045	5	'125	18	5'060	August.
1	'040	2	'020	1	'020	2	'060	2	'155	1	'045	2	'040	1	'050	3	'050	3	'035	5	'075	4	'250	16	1'770"	September.
6	'210	5	'030	6	'185	2	'030	5	'135	4	'085	3	'085	3	'035	4	'105	3	'200	4	'200	5	'060	22	2'850"	October.
5	'290	2	'215	7	'125	5	'065	3	'035	2	'015	2	'050	5	'115	5	'085	5	'110	9	'100	8	'270	24	3'800	November.
9	'190	10	'310	10	'450	7	'170	8	'235	9	'200	8	'350	8	'570	8	'165	6	'250	9	'390	9	'270	21	9'080"	December.
50	1'963	58	1'697	54	2'122	50	1'585	50	1'433	60	1'590	47	1'755	54	2'120	55	1'480	50	1'985	58	1'677	67	2'096	237	47'840"	Year.

a total fall of less than 0'01 in. was measured have been disregarded.
but which, owing to failure of the trace, could not be allocated to the hours at which it fell.

VALENCIA OBSERVATORY

TABLE XI.—NUMBER of OBSERVATIONS of WIND, and the MEAN VELOCITY, referred to Eight Points, for each
each HOUR and for the DAY; and the MAXIMUM VELOCITY

JANUARY 1888.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	1	8	0	—	1	10	2	11	1	28	1	27	1	26	2	25	1	24	0	—	1	20	1	35
NE	1	17	0	—	1	11	1	11	2	10	3	12	2	17	0	—	0	—	4	11	2	16	1	8
E	6	16	5	18	5	18	4	15	4	17	3	24	4	19	6	17	6	21	2	22	3	22	4	27
SE	6	29	6	21	5	19	6	16	5	19	5	16	8	19	6	17	6	20	9	23	7	21	8	20
S	2	38	3	36	3	36	5	25	3	34	4	26	3	14	5	25	6	25	3	24	4	30	3	43
SW	5	24	4	23	5	19	3	21	6	19	4	21	4	26	3	27	2	32	5	23	4	24	7	19
W	4	19	3	20	2	10	0	—	2	14	3	17	3	14	3	14	5	12	2	11	4	13	2	13
NW	1	7	3	16	3	21	5	18	3	21	2	21	2	20	2	23	1	23	3	20	1	19	2	19
Calms	5	—	7	—	6	—	5	—	5	—	6	—	4	—	4	—	4	—	3	—	5	—	3	—
Mean Velocity irrespective of Direction	—	18	—	17	—	16	—	15	—	17	—	16	—	17	—	18	—	18	—	18	—	18	—	21

FEBRUARY.

N	7	20	6	19	5	20	7	21	7	22	7	21	4	22	3	26	3	21	3	21	2	23	3	19
NE	7	18	10	18	10	20	8	17	8	19	8	17	9	18	11	16	11	17	10	21	8	23	10	22
E	2	23	0	—	1	17	0	—	2	9	0	—	3	9	0	—	1	7	0	—	3	14	1	15
SE	0	—	1	16	0	—	1	15	0	—	2	8	0	—	3	8	1	9	1	9	1	10	1	11
S	1	12	0	—	1	6	0	—	0	—	0	—	1	7	0	—	1	6	1	7	0	—	0	—
SW	2	9	1	14	3	11	0	—	2	9	1	10	1	6	1	11	1	11	1	6	4	10	2	11
W	3	9	6	10	3	10	7	10	5	8	6	10	4	11	4	9	4	12	4	13	2	17	3	16
NW	4	10	2	10	3	10	2	14	2	12	2	13	4	15	5	14	5	13	6	16	8	13	8	15
Calms	3	—	3	—	3	—	4	—	3	—	3	—	3	—	2	—	2	—	3	—	1	—	1	—
Mean Velocity irrespective of Direction	—	14	—	14	—	14	—	14	—	14	—	14	—	14	—	14	—	14	—	15	—	16	—	17

MARCH.

N	5	16	6	16	3	25	5	19	6	20	5	20	4	18	3	21	6	16	6	18	6	17	8	18
NE	5	14	4	14	4	16	5	10	3	15	5	13	5	17	5	19	5	21	7	18	6	22	5	24
E	2	22	2	21	1	27	2	17	1	25	2	21	4	15	2	23	1	19	2	11	2	13	1	9
SE	1	40	1	44	1	31	1	32	2	18	1	9	0	—	0	—	1	11	3	14	2	14	2	12
S	3	39	2	37	3	38	2	34	3	40	2	38	3	46	2	40	2	40	2	41	2	39	2	43
SW	1	17	3	28	2	16	2	31	1	17	4	22	2	16	2	36	3	28	3	28	3	28	4	26
W	3	10	3	11	3	10	4	9	2	12	1	11	2	8	4	11	4	11	2	14	4	16	2	23
NW	4	17	3	17	2	21	3	17	4	15	3	21	3	26	3	20	3	22	3	20	2	25	5	15
Calms	7	—	7	—	12	—	7	—	9	—	8	—	8	—	10	—	6	—	3	—	4	—	2	—
Mean Velocity irrespective of Direction	—	15	—	16	—	13	—	14	—	14	—	15	—	15	—	15	—	16	—	18	—	18	—	20

APRIL.

N	5	16	6	9	4	9	3	9	0	—	0	—	2	15	4	15	5	15	6	12	6	14	5	17
NE	6	18	6	21	7	20	7	20	9	19	7	22	7	21	7	22	8	21	9	23	8	24	8	24
E	0	—	0	—	0	—	0	—	0	—	1	11	1	25	1	22	0	—	0	—	0	—	0	—
SE	2	23	2	26	2	24	2	25	1	18	1	20	0	—	1	22	1	24	1	17	3	33	1	46
S	2	27	1	13	1	40	1	22	2	17	1	24	2	22	2	23	2	21	2	38	0	—	2	32
SW	4	25	4	30	4	22	3	19	4	20	3	19	2	16	2	22	3	20	4	23	4	22	5	21
W	4	23	5	19	6	17	4	18	4	19	5	17	4	20	5	18	5	19	4	21	4	20	3	22
NW	4	16	3	21	3	18	6	17	7	15	6	18	4	22	4	20	4	19	4	19	5	18	6	16
Calms	3	—	3	—	3	—	4	—	3	—	6	—	8	—	4	—	2	—	0	—	0	—	0	—
Mean Velocity irrespective of Direction	—	18	—	17	—	17	—	16	—	16	—	15	—	15	—	17	—	18	—	21	—	22	—	22

LAT. 51° 55' N. LONG. 10° 18' W.

Hour and for the Day, for each CALENDAR MONTH. Also the MEAN VELOCITY irrespective of DIRECTION for observed during the MONTH from each of the Eight Points.

JANUARY 1888.

P.M.																					Midt.		Monthly Totals and Means.		Maximum Velocity.	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.				V.
1	34	2	23	2	21	4	18	3	20	2	25	2	27	2	27	3	23	2	29	2	26	2	24	39	23	56
2	6	1	10	2	15	1	11	1	10	1	6	3	13	1	11	0	—	3	9	2	11	1	14	35	11	25
5	23	4	25	3	21	4	19	4	17	6	15	5	16	6	18	7	17	3	21	4	18	5	20	108	19	39
7	23	7	27	7	27	9	26	8	27	10	26	5	26	6	23	7	23	7	24	6	27	7	31	163	23	52
7	26	6	27	3	27	2	16	2	24	3	19	4	33	5	30	4	31	3	44	3	44	1	12	87	29	64
1	23	4	19	5	15	4	15	4	14	1	16	4	17	3	19	2	19	5	23	5	21	5	25	95	21	41
5	16	4	15	5	13	3	15	3	16	4	15	2	23	1	30	3	17	2	24	2	24	2	23	69	16	37
2	16	2	16	3	16	1	13	2	11	2	13	4	11	3	9	2	11	3	11	3	10	3	11	58	15	32
1	—	1	—	1	—	3	—	4	—	2	—	2	—	4	—	3	—	3	—	4	—	5	—	90	—	—
—	21	—	22	—	19	—	17	—	17	—	18	—	19	—	18	—	19	—	21	—	20	—	19	—	18	—

FEBRUARY.

3	21	6	22	7	22	6	21	9	21	5	23	5	23	7	21	5	16	5	18	5	16	4	23	124	21	37
11	22	9	21	8	17	9	18	8	18	10	16	10	16	9	15	10	17	8	17	8	19	6	18	216	18	38
1	11	1	9	0	—	1	20	1	24	1	19	0	—	0	—	0	—	1	15	1	12	3	16	23	14	24
1	10	0	—	0	—	0	—	0	—	1	11	1	13	1	16	1	17	1	17	1	18	0	—	18	12	18
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	8	12
4	12	3	11	4	13	2	11	3	9	1	14	1	8	1	11	2	10	1	7	1	9	2	8	44	10	17
1	18	3	13	2	15	2	12	4	12	4	10	3	11	5	10	3	9	4	9	4	11	3	11	89	11	19
7	18	6	17	6	20	6	17	2	15	5	11	5	13	3	13	5	13	5	15	3	12	5	11	109	14	35
1	—	1	—	2	—	3	—	2	—	2	—	4	—	3	—	3	—	4	—	6	—	6	—	68	—	—
—	18	—	17	—	17	—	16	—	16	—	14	—	13	—	14	—	13	—	13	—	12	—	12	—	15	—

MARCH.

8	14	10	20	8	20	8	18	12	18	13	16	9	15	7	16	5	15	6	16	4	24	6	17	159	18	45
7	20	4	20	5	18	3	15	1	19	1	33	5	15	3	22	7	15	4	22	5	15	4	22	108	18	36
1	14	0	—	0	—	2	18	1	26	1	31	1	26	1	28	2	18	3	19	2	20	2	18	38	19	31
0	—	1	21	1	22	1	20	1	27	1	28	1	25	2	14	2	18	0	—	2	29	0	—	27	21	51
1	39	2	29	2	26	3	28	4	34	4	33	4	36	3	47	4	42	3	39	2	34	3	36	63	37	55
6	28	5	28	5	25	2	25	1	16	2	12	2	13	1	17	1	12	1	44	1	46	4	19	61	25	58
1	28	3	21	4	18	6	16	6	17	4	17	3	16	4	13	2	16	3	12	4	9	2	14	76	14	30
7	14	6	16	6	14	6	14	4	17	4	15	5	15	5	16	5	12	3	15	5	12	2	22	96	16	33
0	—	0	—	0	—	0	—	1	—	1	—	1	—	5	—	3	—	8	—	6	—	8	—	116	—	—
—	19	—	21	—	19	—	18	—	19	—	19	—	18	—	17	—	17	—	16	—	15	—	15	—	17	—

APRIL.

4	15	8	17	9	20	9	18	10	17	11	17	9	15	9	14	8	15	7	13	5	14	5	9	140	15	27
8	25	6	25	6	23	6	23	6	24	5	22	7	19	7	20	7	19	8	19	7	16	8	18	170	21	38
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	16	0	—	4	16	25
2	40	1	46	2	37	2	33	2	38	2	38	2	38	1	32	1	35	1	37	1	38	1	38	35	32	47
1	28	2	32	1	30	1	29	1	38	2	36	1	40	3	39	3	31	3	31	2	25	2	23	40	29	44
5	22	5	24	5	24	5	26	4	27	4	23	4	25	4	21	3	29	3	29	4	28	4	28	92	24	39
4	21	5	21	4	21	4	20	6	18	4	20	5	20	4	20	5	19	4	21	6	20	6	18	110	19	39
6	18	3	19	3	17	3	15	1	22	2	20	2	19	2	19	2	18	3	21	1	30	1	30	85	18	30
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	—	1	—	3	—	3	—	44	—	—
—	22	—	22	—	23	—	22	—	22	—	22	—	21	—	21	—	20	—	20	—	18	—	18	—	19	—

VALENCIA.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and

MAY 1888.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	2	11	1	15	1	14	2	10	1	11	1	9	2	10	2	8	3	11	1	15	2	14	3	17
NE	0	—	0	—	0	—	0	—	1	6	2	11	1	13	3	10	2	16	3	12	2	14	0	—
E	0	—	1	6	0	—	0	—	2	9	2	8	1	7	3	11	2	11	2	12	1	20	1	20
SE	4	26	4	27	6	20	6	22	5	25	3	23	4	22	4	22	5	20	5	16	5	19	5	21
S	5	23	4	29	3	33	3	20	0	—	2	29	2	27	3	27	2	31	5	26	5	26	4	28
SW	6	18	3	24	4	22	1	12	5	21	4	20	5	20	4	20	7	17	3	20	5	18	5	15
W	4	23	5	21	5	21	8	20	6	19	4	17	5	19	4	20	3	23	7	18	4	17	8	22
NW	0	—	0	—	0	—	1	38	1	37	4	21	2	23	2	26	2	26	3	10	5	18	4	16
Calms	10	—	13	—	12	—	10	—	10	—	9	—	9	—	6	—	5	—	2	—	2	—	1	—
Mean Velocity irrespective of Direction	—	14	—	14	—	14	—	14	—	13	—	13	—	14	—	15	—	16	—	16	—	18	—	19

JUNE.

N	4	13	3	14	3	13	1	13	2	11	2	14	3	12	1	13	3	10	7	11	3	15	4	14
NE	0	—	1	8	2	13	2	11	2	9	3	8	1	15	3	12	5	13	3	17	4	15	3	12
E	3	11	3	13	2	9	2	11	2	7	2	12	1	8	0	—	1	16	0	—	1	11	2	17
SE	7	17	5	17	2	22	5	20	5	19	3	23	4	14	6	14	7	17	6	17	5	21	3	26
S	0	—	2	8	2	23	1	6	1	13	1	12	2	27	2	27	1	41	2	30	3	23	4	24
SW	3	16	4	15	4	14	4	14	1	17	2	17	3	12	3	14	4	16	4	13	5	18	5	19
W	4	10	2	11	5	11	2	10	5	11	3	12	4	15	4	12	3	12	4	15	4	15	3	14
NW	1	11	2	11	1	10	5	11	3	13	2	16	2	11	3	15	3	18	3	17	3	12	5	10
Calms	8	—	8	—	9	—	9	—	9	—	12	—	10	—	8	—	3	—	1	—	2	—	1	—
Mean Velocity irrespective of Direction	—	10	—	10	—	10	—	9	—	9	—	9	—	10	—	11	—	14	—	15	—	16	—	16

JULY.

N	6	12	5	11	6	10	8	9	5	9	5	11	4	10	7	12	6	13	3	14	6	15	6	16
NE	1	9	1	7	1	6	0	—	2	18	1	24	2	15	2	16	2	20	3	17	1	11	1	8
E	1	13	1	11	1	19	1	21	0	—	0	—	0	—	3	9	2	9	0	—	1	11	0	—
SE	1	15	2	11	1	6	3	17	4	9	3	10	3	9	1	9	4	14	4	15	4	23	4	22
S	3	20	2	27	3	23	2	16	3	23	3	23	3	24	3	22	2	29	4	23	3	27	5	27
SW	4	14	3	11	1	12	2	12	1	11	3	13	2	11	5	14	7	15	3	17	7	16	5	20
W	3	16	3	20	6	15	4	16	6	12	4	13	7	13	6	14	4	13	8	15	6	16	7	17
NW	4	12	4	12	2	13	3	12	3	14	2	14	4	11	1	10	3	8	5	11	3	13	3	14
Calms	8	—	10	—	10	—	8	—	7	—	10	—	6	—	3	—	1	—	1	—	0	—	0	—
Mean Velocity irrespective of Direction	—	10	—	9	—	9	—	10	—	10	—	10	—	10	—	12	—	14	—	15	—	17	—	19

AUGUST.

N	1	6	0	—	1	18	1	14	1	13	1	14	0	—	1	11	2	8	1	15	2	14	3	11
NE	0	—	0	—	0	—	0	—	1	6	0	—	1	9	0	—	1	6	2	11	1	11	0	—
E	0	—	2	9	1	10	2	8	1	8	2	10	1	14	0	—	0	—	0	—	0	—	1	6
SE	3	22	3	28	4	25	5	22	3	23	3	28	3	30	6	22	5	26	6	26	4	28	5	32
S	7	23	8	20	5	25	3	32	4	31	4	26	4	25	3	31	5	28	5	29	7	29	6	28
SW	2	32	2	23	3	18	5	17	5	17	4	20	5	16	7	16	5	16	6	18	7	19	6	24
W	6	11	3	9	6	13	4	13	5	13	5	11	5	13	4	12	5	15	6	16	4	17	5	17
NW	3	13	4	13	2	14	3	14	2	19	2	16	2	17	3	15	3	14	3	12	4	13	4	14
Calms	9	—	9	—	9	—	8	—	9	—	10	—	10	—	7	—	5	—	2	—	2	—	1	—
Mean Velocity irrespective of Direction	—	13	—	13	—	13	—	13	—	13	—	13	—	13	—	14	—	16	—	18	—	20	—	21

VALENCIA.

MEAN VELOCITY, &c. for each CALENDAR MONTH—continued.

MAY 1888.

P.M.																				Midt.		Monthly Totals and Means.		Maximum Velocity.		
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.					24.	
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.		No.	V.
2	18	1	22	1	20	1	19	2	15	2	14	2	14	3	11	3	11	2	12	1	15	1	18	42	13	22
2	13	0	—	0	—	0	—	1	11	1	13	1	18	0	—	1	6	0	—	0	—	0	—	20	12	20
0	—	0	—	1	9	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	7	17	11	20
3	28	4	22	3	24	2	20	3	18	2	17	5	19	5	21	4	20	5	16	5	21	4	25	101	21	38
5	29	7	25	6	20	7	23	8	23	8	23	4	27	4	23	6	24	4	30	5	26	5	21	107	26	55
8	12	9	17	4	23	7	14	6	14	4	17	4	18	3	21	4	16	5	15	3	20	6	19	115	18	47
9	21	7	19	12	17	10	18	8	22	11	16	9	16	9	14	7	15	6	19	3	17	3	24	157	19	44
2	20	3	13	4	11	4	12	3	10	3	9	2	12	1	10	0	—	1	6	1	39	0	—	48	17	39
0	—	0	—	0	—	0	—	0	—	0	—	4	—	6	—	6	—	8	—	13	—	11	—	137	—	—
—	20	—	20	—	20	—	19	—	18	—	17	—	16	—	14	—	14	—	14	—	13	—	13	—	16	—

JUNE.

4	17	4	17	3	17	4	19	6	16	5	17	5	16	5	12	5	15	3	13	3	11	5	12	88	14	25
2	13	1	20	1	20	1	16	1	7	1	12	1	12	0	—	1	7	0	—	1	7	1	8	40	12	25
2	18	1	20	1	24	1	20	1	26	3	20	1	13	1	18	1	23	2	14	2	10	1	7	35	15	31
7	20	6	22	4	24	6	21	4	22	3	20	4	19	4	18	3	17	4	15	6	14	5	17	114	19	36
3	27	3	26	3	15	3	21	5	18	5	18	6	17	3	19	5	17	4	14	2	20	1	11	64	20	44
4	21	7	20	9	21	5	19	4	19	3	24	3	17	6	14	2	11	4	11	1	13	3	18	93	17	40
4	14	3	14	2	13	2	15	5	11	4	10	2	11	2	9	2	16	3	13	4	12	5	9	81	12	23
4	14	4	15	7	14	7	14	4	15	4	14	4	17	5	14	2	15	3	17	2	20	1	11	80	14	24
0	—	1	—	0	—	1	—	0	—	2	—	4	—	4	—	9	—	7	—	9	—	8	—	125	—	—
—	18	—	19	—	18	—	18	—	16	—	16	—	14	—	13	—	11	—	10	—	9	—	9	—	13	—

JULY.

5	17	6	18	5	16	4	18	7	17	7	17	7	15	6	13	7	13	7	12	7	12	6	11	141	13	32
0	—	1	13	0	—	0	—	0	—	0	—	1	11	2	9	1	6	2	8	1	10	2	13	27	13	26
1	12	1	11	2	12	1	17	2	12	2	11	1	10	1	11	1	10	0	—	1	10	1	11	24	12	21
2	23	2	27	2	30	2	28	2	24	1	26	1	17	2	23	2	12	2	10	2	10	1	14	55	17	35
5	26	4	24	4	25	5	24	4	27	4	24	4	24	3	18	3	22	4	18	3	19	2	27	81	23	40
8	22	6	25	5	24	5	19	6	20	6	18	5	16	3	18	2	20	1	30	2	17	2	20	94	18	37
4	19	7	19	8	19	7	20	6	17	7	16	8	13	3	18	4	16	4	15	4	16	4	15	130	16	37
6	13	4	14	5	14	5	14	4	15	4	15	4	13	7	12	4	14	4	15	5	12	4	12	93	13	22
0	—	0	—	0	—	2	—	0	—	0	—	0	—	4	—	7	—	7	—	6	—	9	—	99	—	—
—	19	—	20	—	19	—	19	—	19	—	17	—	15	—	13	—	11	—	11	—	11	—	10	—	14	—

AUGUST.

2	9	2	13	1	17	2	13	2	14	1	14	2	11	2	9	1	10	1	8	0	—	1	14	31	12	18
1	13	1	13	0	—	0	—	0	—	1	11	0	—	0	—	0	—	0	—	0	—	0	—	9	10	13
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	6	11	9	14
4	21	5	26	2	19	2	26	2	17	4	16	2	15	3	12	4	17	4	18	3	17	2	23	87	23	53
4	34	4	27	6	29	6	28	6	27	7	22	7	22	7	17	7	16	5	17	6	22	6	26	132	25	58
8	25	6	25	9	22	11	17	11	19	5	19	6	16	7	16	4	16	5	17	3	23	4	18	136	19	42
6	20	7	20	6	17	5	21	6	17	8	16	8	13	6	13	4	15	5	13	5	12	4	14	128	15	28
5	16	6	14	7	14	5	15	4	12	4	13	5	10	2	7	6	11	5	12	4	13	4	12	92	13	25
1	—	0	—	0	—	0	—	0	—	1	—	1	—	4	—	5	—	6	—	10	—	9	—	118	—	—
—	21	—	21	—	20	—	20	—	19	—	17	—	15	—	12	—	12	—	12	—	12	—	13	—	16	—

VALENCIA.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and
SEPTEMBER, 1888.

POINTS.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	1	11	0	—	0	—	1	9	1	8	2	6	2	13	1	12	1	16	2	13	3	13	3	11
NE	1	12	2	17	2	14	2	11	1	13	1	11	2	10	3	11	2	18	2	17	2	18	2	14
E	4	15	6	16	5	16	3	17	4	14	3	16	4	18	5	19	4	22	2	25	2	22	4	21
SE	1	29	0	—	1	10	1	30	1	30	1	26	1	11	1	11	2	19	4	24	4	29	4	25
S	0	—	0	—	0	—	0	—	0	—	1	9	0	—	0	—	0	—	0	—	0	—	0	—
SW	5	16	4	17	4	13	3	11	1	13	1	10	1	13	1	15	1	18	1	22	2	20	6	15
W	3	8	3	10	3	13	3	11	6	11	5	12	3	15	4	14	4	15	5	15	5	13	1	23
NW	2	12	3	10	2	14	3	14	3	11	3	12	3	10	2	10	2	11	1	11	1	12	3	12
Calms	13	—	12	—	13	—	14	—	13	—	13	—	14	—	13	—	14	—	13	—	11	—	7	—
Mean Velocity irrespective of Direction	—	8	—	9	—	8	—	7	—	7	—	7	—	7	—	8	—	9	—	10	—	12	—	13

OCTOBER.

N	3	9	4	14	4	13	3	13	5	12	5	13	4	12	5	13	5	14	6	16	6	15	7	15
NE	3	10	1	9	1	14	2	11	1	10	0	—	2	15	1	12	2	16	0	—	0	—	0	—
E	2	17	3	17	2	15	3	11	2	16	2	12	1	8	1	20	0	—	1	17	1	23	1	22
SE	3	25	2	22	2	22	4	17	4	19	5	19	6	17	6	15	6	18	6	19	6	20	7	23
S	5	32	5	36	6	32	6	38	4	38	4	37	4	43	5	37	6	34	5	32	5	35	5	35
SW	3	29	2	33	2	35	1	23	3	31	3	31	2	27	2	24	1	21	3	30	2	33	2	33
W	2	14	3	16	1	20	1	18	1	16	1	16	2	13	2	12	4	16	3	16	4	20	3	19
NW	5	11	5	9	7	11	6	10	4	13	5	11	4	11	2	12	1	6	1	11	3	9	4	12
Calms	5	—	6	—	6	—	5	—	7	—	6	—	6	—	7	—	6	—	6	—	4	—	2	—
Mean Velocity irrespective of Direction	—	16	—	16	—	16	—	16	—	16	—	16	—	16	—	15	—	16	—	17	—	19	—	20

NOVEMBER.

N	2	13	2	12	2	21	2	23	2	21	2	12	1	19	2	18	2	14	3	11	2	13	1	13
NE	2	20	2	16	4	12	4	16	3	13	3	20	4	16	4	17	5	17	3	18	4	18	2	23
E	4	21	5	18	4	21	3	24	4	23	3	24	3	23	3	24	2	26	3	20	4	18	5	22
SE	3	44	2	37	3	31	2	35	3	32	4	30	4	29	3	27	4	24	4	24	2	20	4	29
S	4	44	4	37	4	37	4	38	4	36	3	33	3	29	1	20	1	14	1	13	2	32	0	—
SW	2	32	4	34	4	41	7	30	6	32	6	31	3	32	5	22	5	22	5	27	6	27	6	30
W	7	21	6	21	4	28	4	28	4	29	5	25	7	24	9	26	9	22	9	19	8	20	8	16
NW	3	26	3	26	2	18	2	19	2	15	3	25	3	27	1	36	1	37	1	37	1	31	2	25
Calms	3	—	2	—	3	—	2	—	2	—	1	—	2	—	2	—	1	—	1	—	1	—	2	—
Mean Velocity irrespective of Direction	—	25	—	24	—	24	—	25	—	25	—	25	—	23	—	22	—	21	—	20	—	21	—	22

DECEMBER.

N	1	18	1	12	0	—	0	—	1	11	0	—	0	—	3	9	2	9	1	6	2	14	4	12
NE	0	—	1	12	1	11	2	7	0	—	1	11	2	9	0	—	1	7	2	7	2	7	0	—
E	1	10	0	—	2	8	1	12	1	11	1	6	1	8	0	—	1	8	0	—	0	—	1	8
SE	3	30	4	33	4	33	5	30	6	29	7	26	6	25	6	23	5	26	9	25	10	30	10	26
S	12	30	12	29	11	31	10	33	7	33	6	41	8	38	10	29	10	29	7	35	6	29	6	29
SW	2	26	2	8	3	18	2	23	5	25	5	22	2	17	2	28	2	31	2	30	1	33	2	39
W	2	17	2	16	1	20	3	17	1	18	2	17	3	17	2	18	3	15	4	14	5	18	4	21
NW	5	19	5	19	6	19	4	23	4	26	3	26	4	23	3	24	2	25	1	40	1	41	2	28
Calms	5	—	4	—	3	—	4	—	6	—	6	—	5	—	5	—	5	—	5	—	4	—	2	—
Mean Velocity irrespective of Direction	—	21	—	21	—	22	—	22	—	22	—	21	—	21	—	20	—	20	—	21	—	22	—	23

VALENCIA.

MEAN VELOCITY, &c. for each CALENDAR MONTH—continued.

SEPTEMBER 1888.

P.M.																							Midt.		Monthly Totals and Means.		Maximum Velocity.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.		
4	12	5	14	7	14	8	12	5	12	6	9	5	12	3	14	2	10	1	10	4	15	4	9	71	12	33	
2	12	1	14	0	—	1	16	1	15	1	14	2	12	3	8	2	18	1	24	0	—	3	14	39	14	30	
4	20	3	25	2	23	2	36	2	32	1	20	1	18	3	15	3	14	2	17	1	21	1	11	71	19	41	
6	21	5	19	5	22	4	20	4	22	5	22	4	22	2	28	3	17	4	18	3	20	3	18	69	21	39	
0	—	1	23	1	24	1	20	0	—	0	—	0	—	0	—	0	—	0	—	2	10	1	13	7	15	24	
4	17	4	19	6	16	6	15	4	18	5	17	3	21	4	17	3	20	2	25	2	23	3	22	76	17	29	
2	16	3	13	3	13	2	15	3	14	1	11	2	14	3	11	2	8	3	10	3	10	3	10	75	12	27	
6	11	7	11	5	11	6	11	7	9	8	11	6	8	3	9	3	11	3	12	2	14	2	15	86	11	21	
2	—	1	—	1	—	0	—	4	—	3	—	7	—	9	—	12	—	14	—	13	—	10	—	226	—	—	
—	15	—	16	—	16	—	16	—	13	—	13	—	11	—	10	—	9	—	8	—	9	—	9	—	10	—	

OCTOBER.

6	15	7	14	7	18	6	17	5	17	5	16	6	14	5	13	3	16	3	12	5	12	4	14	119	14	30
0	—	1	15	1	14	1	14	1	11	2	12	2	9	2	11	2	13	2	12	0	—	1	15	28	12	18
2	17	1	13	0	—	1	10	0	—	1	6	0	—	1	11	2	13	0	—	3	13	2	14	32	14	25
6	25	7	23	7	21	6	23	7	18	6	18	5	20	6	18	5	18	6	17	2	20	3	27	123	20	39
6	34	5	37	6	36	7	30	5	37	4	41	4	37	5	31	6	35	6	35	7	35	5	34	126	35	57
3	24	2	29	2	26	1	37	3	19	2	25	1	50	1	49	0	—	0	—	0	—	3	28	44	29	50
3	19	3	18	3	16	4	16	1	27	3	16	3	24	2	19	2	24	2	22	2	22	1	22	56	18	30
4	14	4	19	3	13	2	10	6	12	4	10	3	10	5	14	6	11	6	13	6	12	3	13	99	12	27
1	—	1	—	2	—	3	—	3	—	4	—	7	—	4	—	5	—	6	—	6	—	9	—	117	—	—
—	21	—	21	—	21	—	19	—	18	—	17	—	16	—	17	—	17	—	16	—	17	—	16	—	17	—

NOVEMBER.

2	12	2	11	1	14	1	16	1	11	2	12	2	15	0	—	1	9	1	7	2	12	1	15	39	14	28
2	18	2	15	2	13	4	17	3	17	2	20	2	19	4	13	3	10	2	11	2	22	1	9	69	16	38
5	25	4	23	4	24	2	34	3	30	3	33	3	31	3	30	4	32	5	24	3	25	6	18	88	24	42
3	23	5	23	2	30	3	20	3	25	3	28	4	27	4	22	4	26	5	32	4	25	4	34	82	28	56
2	30	0	—	3	27	2	33	3	25	2	25	1	38	3	31	3	35	3	35	6	35	4	45	63	33	63
8	25	8	23	7	29	7	29	6	29	7	30	5	33	7	30	5	30	4	31	2	43	3	39	128	29	59
5	22	5	24	6	22	6	20	7	17	7	19	9	19	4	20	6	20	7	18	6	22	7	21	155	21	40
3	21	4	18	4	20	3	21	2	22	2	21	2	19	3	19	3	19	3	19	2	24	1	26	56	22	40
0	—	0	—	1	—	2	—	2	—	2	—	2	—	2	—	1	—	0	—	3	—	3	—	40	—	—
—	23	—	21	—	23	—	22	—	21	—	23	—	23	—	22	—	22	—	24	—	24	—	25	—	23	—

DECEMBER.

2	18	2	18	2	18	2	17	2	14	3	13	3	15	2	13	2	13	3	19	2	11	3	18	43	14	31
1	17	0	—	0	—	0	—	1	11	0	—	1	12	1	11	1	8	1	11	1	8	1	6	20	9	17
1	11	2	12	1	9	1	10	1	13	1	10	1	10	1	11	1	16	2	13	2	15	2	16	25	11	21
10	26	8	30	9	30	8	32	7	28	9	28	9	31	8	31	8	33	8	31	7	32	6	36	172	29	54
7	29	6	24	5	14	5	14	6	25	5	27	6	24	6	23	5	21	6	27	7	27	9	27	178	29	53
3	28	6	24	4	26	3	26	2	18	2	28	1	29	2	30	3	29	1	30	1	25	2	16	60	25	48
4	21	4	20	5	16	5	18	3	10	3	8	2	7	1	20	1	9	3	15	2	14	2	19	67	16	38
3	20	3	22	4	22	5	16	7	16	5	18	5	17	5	13	5	16	3	12	3	23	3	17	91	20	49
0	—	0	—	1	—	2	—	2	—	3	—	3	—	5	—	5	—	4	—	6	—	3	—	88	—	—
—	24	—	24	—	21	—	20	—	19	—	19	—	20	—	19	—	19	—	20	—	19	—	21	—	21	—

VALENCIA OBSERVATORY.

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, and DAILY AMOUNTS of RAINFALL, for each MONTH of the YEAR.

JANUARY 1888.										FEBRUARY 1888.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.		
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.		Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				
				Dry.	Difference. (Dry—Wet.)							Dry.	Difference. (Dry—Wet.)					Dry.	Difference. (Dry—Wet.)
1	ins. 29°325	ins. 29°644	ins. 29°083	39°6	1°6	41°9	36°8	in. .150	ins. 30°052	ins. 30°178	ins. 29°849	38°9	2°6	42°6	33°1	in. —	1		
2	29°297	29°542	29°083	41°5	2°3	46°0	35°2	.070	30°125	30°168	30°092	41°5	1°2	46°8	33°0	.050	2		
3	29°403	29°556	29°145	48°2	1°0	52°2	42°0	1°143	30°135	30°215	30°093	47°9	0°5	50°3	45°4	.070	3		
4	29°166	29°296	29°070	47°5	0°4	53°4	39°2	1°742	30°304	30°371	30°222	48°2	0°8	49°1	46°8	.030	4		
5	29°672	29°865	29°325	45°2	2°0	48°6	40°7	.015	30°366	30°384	30°350	47°6	1°0	49°0	45°9	.055	5		
6	29°866	30°091	29°713	49°7	1°0	51°2	47°2	.070	30°409	30°449	30°357	45°6	0°7	48°0	43°2	.035	6		
7	30°223	30°341	30°009	50°1	0°3	52°9	48°0	.005	30°414	30°438	30°380	48°0	1°7	49°8	46°3	.015	7		
8	30°481	30°541	30°351	50°5	0°4	53°2	49°0	.005	30°300	30°365	30°269	47°1	1°5	49°9	45°2	.020	8		
9	30°510	30°544	30°475	49°4	1°7	52°2	47°1	—	30°207	30°271	30°096	47°3	0°6	49°0	46°0	.055	9		
10	30°510	30°546	30°468	48°1	1°6	49°2	46°7	—	29°907	30°078	29°793	45°1	1°9	47°0	41°2	.240	10		
11	30°434	30°514	30°389	46°4	1°9	50°0	44°2	—	29°598	29°773	29°513	39°8	2°2	43°6	35°9	.105	11		
12	30°506	30°584	30°421	47°4	1°7	49°8	45°3	—	29°629	29°785	29°524	35°9	1°6	42°0	31°4	.110	12		
13	30°580	30°598	30°558	45°5	1°7	46°4	43°9	—	29°757	29°856	29°695	36°4	2°3	38°9	31°9	.220	13		
14	30°552	30°592	30°504	41°4	1°5	43°7	37°2	—	30°064	30°227	29°866	38°3	2°1	41°8	35°2	.165	14		
15	30°472	30°496	30°445	40°1	1°7	42°4	35°6	—	30°307	30°357	30°239	38°1	1°8	43°4	34°8	.300	15		
16	30°411	30°456	30°350	35°2	2°0	39°1	30°0	—	30°314	30°361	30°244	39°4	1°1	43°0	36°3	.185	16		
17	30°272	30°346	30°193	40°2	1°6	44°4	35°1	.085	30°306	30°380	30°245	44°5	2°7	46°6	40°4	.050	17		
18	30°354	30°418	30°283	42°7	2°2	44°5	39°4	—	30°136	30°378	29°906	45°9	1°7	48°4	41°2	.085	18		
19	30°331	30°405	30°272	45°6	1°2	48°4	39°8	.010	29°901	29°985	29°821	39°3	3°6	46°3	35°7	.030	19		
20	30°224	30°283	30°095	49°8	0°2	53°3	48°2	.520	29°949	30°073	29°893	37°7	3°3	41°2	36°0	—	20		
21	30°045	30°096	29°949	49°4	0°0	52°1	47°4	.135	30°067	30°111	30°010	37°8	3°0	42°7	33°3	—	21		
22	30°110	30°361	29°947	49°2	0°5	50°5	46°8	.067	29°954	29°997	29°928	36°8	2°1	39°6	33°8	—	22		
23	30°402	30°438	30°367	47°5	0°4	49°9	44°4	.028	30°015	30°093	29°959	36°2	3°0	39°8	33°9	.010	23		
24	30°360	30°395	30°293	48°7	0°4	50°3	47°3	.060	30°162	30°200	30°094	34°4	2°9	36°8	32°1	—	24		
25	30°203	30°281	30°161	47°9	2°2	51°3	43°4	.050	30°198	30°229	30°173	34°3	3°1	37°3	31°6	—	25		
26	30°482	30°573	30°276	45°8	4°5	47°7	42°2	.010	30°184	30°261	30°131	34°9	2°8	41°3	30°0	—	26		
27	30°363	30°564	30°134	44°6	1°1	47°2	41°8	.010	30°403	30°529	30°268	34°2	2°3	40°3	26°8	—	27		
28	30°028	30°113	29°980	40°4	2°0	43°4	34°5	.010	30°528	30°555	30°501	38°8	2°5	44°3	35°3	—	28		
29	30°151	30°175	30°097	35°9	2°2	41°0	31°9	—	30°425	30°494	30°384	38°3	2°8	42°2	34°8	—	29		
30	30°081	30°163	29°907	40°8	2°2	46°3	35°4	.015											
31	29°777	29°871	29°722	42°1	2°9	46°5	38°2	.095											
Maximum fall in one hour } 10 p.m. 4th								0°230	Maximum fall in one hour } 7 a.m. 10th								0°095		
MARCH.										APRIL.									
1	ins. 30°301	ins. 30°379	ins. 30°246	35°0	2°6	38°4	31°7	in. —	ins. 30°090	ins. 30°145	ins. 30°030	42°5	4°0	49°7	35°7	in. —	1		
2	30°254	30°310	30°184	36°4	2°6	42°2	32°5	—	30°041	30°138	29°961	42°9	2°4	48°8	34°9	—	2		
3	30°141	30°180	30°114	40°3	1°7	47°3	32°3	.020	30°084	30°120	29°982	40°6	3°8	46°2	34°8	.005	3		
4	30°139	30°179	30°108	38°6	3°0	43°9	32°2	.005	29°950	30°073	29°885	44°2	3°7	49°0	39°8	.015	4		
5	30°085	30°105	30°066	44°6	1°8	49°8	38°6	.150	30°227	30°310	30°080	42°7	3°1	48°6	34°4	—	5		
6	30°117	30°159	30°069	46°2	2°2	50°7	40°0	.015	30°325	30°352	30°301	43°4	3°1	49°8	36°7	—	6		
7	29°814	30°047	29°568	49°0	1°5	51°0	46°9	.050	30°257	30°341	30°199	42°9	2°5	50°0	35°0	—	7		
8	29°354	29°544	29°175	50°8	1°2	52°0	50°0	.370	30°122	30°190	30°078	45°1	1°8	47°7	40°3	.005	8		
9	29°111	29°244	28°992	49°4	1°7	50°8	47°2	.170	30°208	30°291	30°119	45°3	1°6	48°9	41°9	.055	9		
10	29°270	29°361	29°108	48°0	1°6	52°0	40°7	.195	30°244	30°301	30°170	47°0	0°9	49°0	44°3	.195	10		
11	29°221	29°311	29°043	42°2	2°9	47°6	37°2	.595	30°152	30°178	30°113	49°6	0°7	53°0	48°0	.030	11		
12	29°281	29°298	29°265	42°3	1°9	49°0	35°8	.110	29°900	30°098	29°926	50°4	1°1	52°6	49°1	.005	12		
13	29°195	29°272	29°131	43°5	2°0	49°2	39°8	.070	29°872	29°929	29°807	50°9	1°2	54°0	49°1	.005	13		
14	29°118	29°255	29°031	39°9	2°0	46°4	34°8	.215	29°725	29°800	29°619	50°1	1°1	54°2	46°9	.025	14		
15	29°151	29°432	29°037	39°5	2°7	43°3	35°6	.085	29°648	29°701	29°548	48°9	2°5	53°4	42°3	.385	15		
16	29°737	29°984	29°463	37°4	3°2	41°8	33°2	.005	29°581	29°700	29°397	50°4	1°5	53°3	47°8	.105	16		
17	30°090	30°199	29°996	41°0	1°8	49°0	32°6	.010	29°470	29°525	29°389	48°6	2°0	51°3	45°0	.185	17		
18	30°273	30°361	30°198	40°6	1°6	49°0	34°4	—	29°554	29°612	29°501	48°7	1°9	52°3	45°9	.185	18		
19	30°304	30°352	30°258	37°0	2°9	44°2	30°0	—	29°784	29°838	29°600	47°9	2°9	51°8	42°2	.050	19		
20	30°317	30°428	30°240	38°2	3°4	44°3	32°2	—	29°850	29°938	29°785	45°2	2°7	50°5	39°2	.120	20		
21	30°432	30°491	30°314	42°6	2°6	48°4	35°3	—	29°768	29°845	29°693	44°4	2°5	47°0	42°3	.005	21		
22	29°960	30°280	29°810	47°4	0°6	49°7	43°8	.385	29°703	29°771	29°657	43°9	2°7	48°2	41°9	—	22		
23	29°552	29°782	29°425	41°7	2°4	46°2	36°3	.155	29°837	29°922	29°769	44°5	3°1	47°8	41°6	.005	23		
24	29°384	29°482	29°325	39°1	2°0	44°6	34°8	—	29°963	30°049	29°900	44°7	3°2	48°6	41°8	—	24		
25	29°197	29°318	28°966	37°5	1°2	42°7	34°6	—	30°147	30°280	30°045	45°5	3°8	52°4	41°2	—	25		
26	29°091	29°178	28°971	37°8	2°7	43°0	31°3	.030	30°336	30°371	30°285	45°9	3°8	51°3	39°3	—	26		
27	28°881	29°159	28°456	39°0	2°0	42°7	33°4	.650	30°258	30°353	30°176	48°4	1°9	51°7	44°5	.025	27		
28	28°473	28°723	28°401	39°3	1°2	41°3	36°9	.610	29°929	30°152	29°683	48°7	1°2	50°8	46°8	.085	28		
29	29°135	29°460	28°761	40°8	2°5	44°2	36°6	.275	29°597	29°652	29°499	47°0	1°8	50°4	44°1	.485	29		
30	29°642	29°741	29°474	42°9	3°4	47°0	39°3	.040	29°085	29°478	28°806	47°6	0°7	50°8	43°7	.940	30		
31	29°896	30°028	29°753	41°9	2°8	49°1	34°1	.015											
Maximum fall in one hour }									Maximum fall in one hour }										

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., VALENCIA—cont.

SEPTEMBER 1888.										OCTOBER 1888.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.		
				Dry.	Difference. (Dry—Wet.)									Dry.	Difference. (Dry—Wet.)				
1	ins. 30°251	ins. 30°384	ins. 30°073	57°9	1°5	61°2	53°9	in. 0°75		1	ins. 29°749	ins. 29°900	ins. 29°626	47°6	3°0	54°6	43°0	in. 1°05	
2	30°030	30°055	30°016	57°6	1°9	60°4	54°6	1°05		2	29°488	29°641	29°394	45°6	2°6	50°6	38°3	1°40	
3	29°970	30°033	29°882	56°0	2°1	58°7	52°5	1°55		3	29°593	29°789	29°389	51°0	4°1	55°2	46°6	0°80	
4	29°899	29°938	29°855	58°3	1°0	60°6	56°8	1°60		4	29°782	29°919	29°693	50°1	4°2	56°0	43°4	1°25	
5	30°015	30°078	29°923	57°6	2°1	61°0	53°1	1°60		5	29°892	29°927	29°858	47°2	3°4	50°3	43°7	2°15	
6	30°107	30°175	30°058	56°1	3°4	59°9	53°5	0°15		6	30°162	30°341	29°941	47°3	3°9	52°5	42°7		
7	30°313	30°439	30°178	55°8	3°6	61°3	50°9	0°45		7	30°358	30°394	30°328	51°3	3°6	55°0	46°0	0°65	
8	30°482	30°524	30°447	52°3	4°4	60°0	45°6	—		8	30°267	30°315	30°194	52°9	2°6	55°9	50°5		
9	30°340	30°463	30°252	51°8	3°3	59°7	44°0	—		9	30°152	30°187	30°129	50°9	2°1	55°0	46°0	—	
10	30°264	30°312	30°228	53°0	3°3	59°4	46°0	—		10	30°161	30°181	30°136	50°3	1°2	57°0	45°1	1°25	
11	30°337	30°384	30°296	53°8	2°8	60°4	46°6	—		11	30°187	30°208	30°156	48°7	1°6	54°7	41°9	—	
12	30°383	30°399	30°358	56°1	3°4	62°7	49°9	—		12	30°141	30°191	30°090	52°8	2°4	54°8	50°7	—	
13	30°235	30°354	30°104	57°9	4°8	65°0	51°3	—		13	30°114	30°199	30°044	51°0	2°7	54°1	43°6	—	
14	30°007	30°081	29°980	59°9	2°9	64°6	56°1	4°05		14	30°262	30°322	30°202	44°9	2°9	52°6	38°8	—	
15	30°145	30°257	29°999	56°5	2°8	59°0	52°6	2°80		15	30°309	30°329	30°267	49°5	2°4	56°2	41°2	—	
16	30°280	30°307	30°257	54°7	4°4	62°1	48°4	—		16	30°234	30°258	30°198	53°4	1°6	57°7	50°7	0°45	
17	30°274	30°299	30°249	53°1	2°8	59°3	47°4	—		17	30°091	30°191	29°990	54°3	1°5	56°2	52°7	1°20	
18	30°263	30°296	30°234	53°7	2°6	63°7	45°6	—		18	29°908	29°979	29°873	55°3	1°8	56°6	54°3	0°75	
19	30°205	30°248	30°184	56°5	2°4	63°9	48°8	—		19	29°992	30°100	29°910	55°2	2°6	58°2	53°0	1°95	
20	30°218	30°246	30°199	54°5	2°0	63°0	47°4	0°40		20	30°135	30°174	30°089	54°5	3°5	58°9	51°3	0°10	
21	30°233	30°258	30°215	53°7	2°0	64°2	48°7	—		21	30°220	30°300	30°123	54°8	1°8	60°5	48°0	—	
22	30°202	30°223	30°173	53°1	1°0	59°6	45°0	—		22	30°289	30°319	30°268	50°1	2°9	60°1	43°7	—	
23	30°106	30°168	30°062	54°9	2°5	62°0	48°5	—		23	30°183	30°269	30°078	50°6	1°9	56°2	42°6	—	
24	30°013	30°055	29°977	52°8	2°3	60°9	46°6	—		24	29°907	30°064	29°705	55°7	1°1	58°0	53°4	0°45	
25	30°030	30°057	30°004	53°7	3°3	60°2	46°0	—		25	29°571	29°679	29°506	58°0	1°3	60°0	55°8	4°05	
26	30°064	30°087	30°038	58°6	2°6	60°8	56°7	—		26	29°612	29°695	29°545	59°0	1°2	61°3	57°0	2°25	
27	29°877	30°023	29°747	59°4	1°6	61°5	57°8	3°05		27	29°713	29°747	29°678	60°9	1°4	61°4	60°0	1°60	
28	29°888	29°937	29°835	57°3	1°8	61°9	51°8	0°15		28	29°803	30°041	29°668	57°4	2°6	60°4	51°1	0°65	
29	29°774	29°851	29°731	55°5	2°2	60°6	50°9	0°10		29	30°031	30°064	29°951	54°7	2°9	56°8	52°6	0°25	
30	29°981	30°026	29°864	51°0	4°8	55°8	46°9	—		30	29°861	29°927	29°812	52°8	3°2	55°2	49°0	1°40	
										31	29°830	29°892	29°765	50°6	2°9	54°4	47°2	0°95	
Maximum fall in one hour } 5 p.m. and Mid. 14th									0°150	Maximum fall in one hour } 1 p.m. 26th									0°130
NOVEMBER.										DECEMBER.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.		
				Dry.	Difference. (Dry—Wet.)									Dry.	Difference. (Dry—Wet.)				
1	ins. 29°751	ins. 29°806	ins. 29°727	47°6	3°2	51°5	40°3	in. 3°05		1	ins. 29°659	ins. 29°701	ins. 29°642	49°8	1°6	51°9	42°0	in. 1°75	
2	29°821	29°853	29°783	46°1	2°6	49°4	43°2	—		2	29°631	29°699	29°535	52°1	0°5	53°0	50°9	4°40	
3	29°651	29°776	29°573	49°5	2°1	52°4	46°0	—		3	29°443	29°620	29°345	53°9	0°5	55°7	52°6	7°60	
4	29°468	29°549	29°419	49°8	2°3	55°6	45°0	0°15		4	29°742	29°830	29°649	52°4	0°7	54°5	50°8	6°45	
5	29°550	29°685	29°428	50°5	1°9	54°2	47°1	1°05		5	29°795	29°882	29°701	53°3	0°7	54°1	51°6	0°05	
6	29°682	29°722	29°624	49°1	2°6	53°1	46°4	—		6	29°745	29°912	29°533	52°6	0°7	54°2	51°1	7°75	
7	29°475	29°605	29°385	46°5	2°1	47°7	45°5	—		7	29°769	30°083	29°507	50°0	2°3	53°8	45°4	4°70	
8	29°390	29°463	29°345	50°8	2°2	52°7	46°3	1°00		8	30°174	30°249	30°088	43°4	1°9	49°3	37°8	—	
9	29°426	29°484	29°323	50°7	1°4	53°7	47°0	0°80		9	30°257	30°295	30°206	41°0	1°5	47°0	35°3	—	
10	29°352	29°488	29°193	50°7	1°9	55°0	45°4	5°80		10	30°057	30°192	29°932	48°0	1°6	50°7	44°7	5°60	
11	29°474	29°578	29°243	50°9	2°1	53°9	45°6	3°90		11	30°003	30°124	29°884	48°1	1°8	52°7	40°7	3°10	
12	29°127	29°246	29°066	52°1	2°7	54°3	48°8	0°75		12	30°023	30°125	29°928	49°8	1°7	51°9	42°9	—	
13	29°296	29°480	29°070	52°3	1°6	55°0	50°0	0°80		13	29°884	29°964	29°846	51°1	2°0	52°0	49°9	—	
14	29°715	29°837	29°503	52°6	1°7	55°1	49°6	0°15		14	30°112	30°292	29°968	51°3	0°6	52°2	49°6	1°80	
15	29°790	29°941	29°645	54°4	1°1	56°4	51°9	2°40		15	30°436	30°544	30°298	46°0	1°2	49°5	38°7	—	
16	29°887	30°038	29°607	53°2	3°9	57°2	50°4	0°65		16	30°477	30°548	30°392	39°9	1°4	45°8	34°8	—	
17	30°080	30°117	30°040	52°7	3°1	54°0	51°1	0°10		17	30°248	30°377	30°123	45°2	2°2	47°5	42°4	—	
18	30°015	30°060	29°950	52°3	0°6	54°2	50°6	1°00		18	29°888	30°115	29°823	47°9	1°8	51°7	44°6	—	
19	29°943	30°053	29°838	51°8	0°8	55°0	45°9	2°30		19	29°382	29°579	29°202	49°7	1°7	53°0	44°5	6°25	
20	30°073	30°261	29°896	46°6	3°9	48°9	42°2	0°75		20	29°295	29°461	28°874	45°6	1°5	48°9	40°6	2°25	
21	30°286	30°317	30°231	50°1	3°3	52°6	47°7	0°05		21	28°639	28°830	28°528	47°0	1°2	50°5	41°7	5°90	
22	30°159	30°217	30°123	52°9	2°7	54°3	51°4	0°35		22	29°105	29°507	28°650	44°1	0°9	47°4	40°9	9°40	
23	30°144	30°184	30°064	53°6	1°5	54°4	52°6	—		23	29°493	29°622	29°307	46°8	2°5	52°4	43°4	1°25	
24	29°986	30°060	29°841	54°1	1°8	55°3	53°0	0°40		24	29°460	29°607	29°322	45°4	2°8	51°1	38°9	1°10	
25	29°618	29°801	29°561	50°1	2°7	55°3	43°3	4°20		25	29°387	29°620	29°170	44°5	2°2	48°8	39°1	5°15	
26	29°409	29°573	29°357	42°9	2°3	45°4	38°7	4°40		26	29°779	29°859	29°627	41°7	2°4	45°2	37°3	2°20	
27	29°211	29°333	29°155	40°8	1°4	45°6	37°6	0°50		27	29°495	29°							

ABERDEEN OBSERVATORY.

TABLE I.—HOURLY AND DAILY MEANS OF PRESSURE FOR FIVE-DAY PERIODS—continued.

Five-day Periods.	Daily Means (Five Days).	P.M.												Noon.	A.M.												Midt.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		18.	19.	20.	21.	22.	23.	24.	16.	17.	18.	19.	20.		21.	22.	23.	24.	10.	11.	12.	1.	2.	3.	4.	5.		6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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TABLE II.
HOURLY and DAILY MEANS of TEMPERATURE for FIVE-DAY PERIODS.
ABERDEEN OBSERVATORY - - - - - LAT. $57^{\circ} 10' N.$ LONG. $2^{\circ} 6' W.$
Dry-bulb Thermometer 41 feet above Ground.

Five-day Periods.	Midt.	A.M.												P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Noon.												P.M.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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* Six-day period

TABLE II.—HOURLY and DAILY MEANS OF TEMPERATURE for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.	A.M.											Noon.	P.M.											Midt. (Five Days).	Five-day Periods.		
		0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.		11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.			22.	23.
1888. July 30-4	47.5	47.2	47.0	46.9	46.6	47.2	47.6	47.6	48.0	48.7	48.8	49.8	50.4	50.3	51.1	51.3	51.3	51.3	51.1	49.7	49.2	48.9	48.5	48.1	47.8	47.5	48.9	July 30-4
" 5-9	47.6	47.7	47.3	46.8	46.7	47.4	47.4	49.0	50.8	51.7	53.4	52.2	54.1	54.5	55.2	54.8	54.2	53.1	53.2	52.3	51.5	51.0	49.1	47.8	47.3	50.7	" 5-9	
" 10-14	48.1	47.9	47.9	48.1	47.7	48.3	48.3	49.3	49.4	50.6	52.0	52.9	54.2	54.7	54.9	54.1	54.0	54.3	53.8	52.9	52.2	51.2	50.4	49.6	49.0	51.1	" 10-14	
" 15-19	50.4	50.8	51.0	51.1	50.9	51.7	51.7	53.1	54.4	55.8	56.4	55.6	55.7	56.0	54.9	55.2	55.1	54.9	55.0	55.2	55.1	53.8	53.2	51.7	51.0	53.6	" 15-19	
" 20-24	52.7	51.8	51.4	50.9	50.9	51.4	52.7	54.8	54.8	56.1	55.3	56.3	56.7	57.0	57.8	57.1	58.8	58.8	58.7	57.3	57.3	56.3	54.6	53.6	53.1	52.7	" 20-24	
" 25-29	50.9	50.5	49.7	49.7	49.8	50.5	52.0	52.7	52.7	53.9	54.3	55.0	55.7	54.7	55.3	55.4	55.2	54.4	54.5	54.1	53.7	52.1	50.6	50.1	49.3	52.6	" 25-29	
Aug. 30-3	48.0	46.1	45.3	45.3	44.7	44.9	48.4	51.3	52.5	53.4	54.3	54.3	55.4	54.9	55.7	54.9	54.4	54.2	53.9	53.5	53.1	52.2	49.8	49.3	49.1	51.0	Aug. 30-3	
" 4-8	51.7	50.4	49.9	49.4	49.2	49.2	49.7	51.9	53.3	54.2	55.2	56.3	58.4	57.9	59.1	59.2	59.4	59.4	57.8	56.9	56.6	55.2	53.2	52.0	52.5	54.6	" 4-8	
" 9-13	52.9	52.6	52.2	52.3	52.0	51.7	52.2	53.0	53.0	54.5	55.5	55.5	56.2	57.0	56.4	55.6	55.8	54.6	54.7	53.5	53.3	53.0	52.7	52.2	51.6	53.8	" 9-13	
" 14-18	47.9	47.5	47.0	46.2	45.9	45.3	47.9	48.7	48.7	49.9	52.3	53.9	56.0	57.2	58.0	57.4	56.7	55.7	51.7	51.1	49.7	48.7	47.7	46.8	46.2	49.1	" 14-18	
" 19-23	49.6	49.0	48.3	48.0	47.6	47.8	48.5	50.4	52.6	53.7	55.2	55.2	55.5	55.3	55.7	55.2	55.3	54.7	54.6	54.1	54.0	53.6	52.9	52.8	52.3	58.4	" 19-23	
" 24-28	54.1	53.9	53.3	53.3	53.7	53.9	53.3	54.9	56.3	58.2	59.0	59.7	60.4	60.4	61.6	62.1	61.0	61.2	60.1	59.1	57.3	55.7	55.0	54.5	53.8	56.7	" 24-28	
Sept. 29-2	49.6	49.3	48.1	47.6	47.6	47.7	48.3	50.8	52.3	55.3	55.9	56.8	57.7	58.7	58.0	57.3	56.4	56.4	56.1	55.0	54.4	53.1	51.6	50.7	49.6	53.8	Sept. 29-2	
" 3-7	50.6	50.0	49.5	49.4	49.4	49.6	50.4	51.8	52.8	53.9	55.5	56.7	57.9	58.4	59.0	58.5	58.4	57.7	55.6	54.1	52.7	51.8	50.7	49.6	49.3	53.4	" 3-7	
" 8-12	46.0	46.5	45.4	45.5	44.7	44.3	44.1	44.8	47.6	51.4	53.0	54.5	55.0	55.4	54.2	55.0	54.1	53.8	52.7	51.1	49.0	47.6	46.7	46.7	49.4	" 8-12		
" 13-17	50.4	50.1	49.6	49.0	48.1	47.7	46.4	47.4	47.4	49.9	52.3	53.9	56.0	57.2	58.0	57.4	56.7	55.7	55.1	54.0	53.2	52.5	51.3	50.7	50.3	50.5	52.1	" 13-17
" 18-22	49.5	49.3	48.7	47.9	47.7	47.1	46.1	47.2	48.9	52.5	54.6	56.4	57.0	57.0	57.1	57.7	57.1	56.4	55.3	54.3	53.0	52.5	51.7	50.0	48.8	51.9	" 18-22	
" 23-27	47.4	47.1	46.3	46.0	45.3	44.7	44.4	45.6	46.9	48.6	50.0	51.0	51.6	51.6	51.3	50.8	50.6	49.8	48.6	48.5	48.1	47.9	47.7	47.7	47.3	48.0	" 23-27	
Oct. 28-2	42.8	42.9	42.4	42.5	41.9	41.9	41.4	41.4	42.1	43.5	44.2	45.0	45.4	45.7	45.7	45.4	45.8	44.2	44.0	43.2	43.0	42.7	42.6	41.1	40.8	43.2	Oct. 28-2	
" 3-7	39.0	38.6	37.7	38.5	37.6	37.3	37.3	37.2	37.4	38.4	39.4	40.5	41.7	43.6	43.0	42.3	42.6	41.9	41.3	39.5	39.2	39.5	38.6	38.9	39.7	39.7	" 3-7	
" 8-12	46.3	46.1	46.3	46.5	46.5	46.9	47.0	46.7	47.8	48.8	49.6	51.1	52.0	52.0	52.1	52.7	52.5	51.1	49.6	48.5	47.4	46.9	46.4	46.0	46.4	48.3	" 8-12	
" 13-17	46.2	46.1	45.5	45.6	45.7	45.0	45.5	45.5	45.1	46.4	47.9	48.7	49.9	50.2	50.7	50.3	49.8	49.5	49.0	48.1	47.8	47.8	47.6	47.3	47.7	47.7	" 13-17	
" 18-22	48.3	47.8	48.0	47.9	48.0	48.1	48.1	47.9	48.0	48.5	48.9	49.0	48.8	49.0	49.1	49.1	49.1	48.7	48.3	48.1	48.0	47.7	48.1	48.3	47.6	48.3	" 18-22	
" 23-27	49.7	49.7	49.6	49.1	49.0	49.2	49.1	50.1	50.1	52.3	53.3	55.3	55.3	56.6	57.3	57.2	56.8	55.7	54.5	53.9	52.5	52.6	52.3	52.4	52.1	52.7	" 23-27	
Nov. 28-1	47.4	47.1	46.9	46.6	46.0	45.9	46.1	46.9	47.7	48.8	50.7	51.1	51.7	50.9	50.3	50.3	49.6	48.1	47.3	46.5	46.3	45.1	44.7	44.3	44.3	47.7	Nov. 28-1	
" 2-6	44.4	44.6	44.2	44.5	44.1	44.6	44.7	45.5	45.5	45.5	45.5	45.7	45.6	45.5	45.5	45.4	45.5	45.1	45.1	44.8	44.8	44.4	44.6	44.3	44.5	44.9	" 2-6	
" 7-11	43.9	44.1	44.2	44.4	44.5	44.5	44.5	44.5	44.5	44.6	44.9	44.9	45.2	45.3	45.3	45.4	45.3	44.9	44.9	44.7	44.8	44.6	44.7	44.8	44.6	44.7	" 7-11	
" 12-16	45.9	46.1	46.3	46.6	46.7	46.9	47.1	47.8	48.0	48.5	48.8	48.8	48.6	48.8	49.8	49.1	48.6	47.8	47.1	46.8	46.6	46.0	45.9	45.4	45.3	46.0	" 12-16	
" 17-21	41.5	41.0	40.4	40.1	40.2	40.6	40.6	39.8	40.6	41.2	41.4	41.8	42.8	43.8	45.3	43.4	43.0	42.1	42.0	42.0	41.3	40.9	41.0	41.0	40.3	41.6	" 17-21	
" 22-26	42.5	42.0	42.5	43.3	43.8	44.5	44.5	44.6	43.9	44.3	44.4	46.0	47.4	48.0	48.4	48.2	47.0	45.9	44.7	43.7	43.6	43.3	42.7	42.5	41.9	44.4	" 22-26	
Dec. 27-1	37.0	36.4	36.6	36.4	36.5	36.5	36.0	35.4	35.8	36.0	38.0	39.0	39.6	40.2	40.3	40.7	40.3	40.3	39.6	39.3	39.7	40.1	40.4	39.8	39.5	38.5	Dec. 27-1	
" 2-6	45.6	45.0	44.6	44.5	44.1	44.5	44.6	44.6	46.2	46.1	46.3	46.6	47.9	48.3	48.6	48.4	47.8	47.7	47.5	47.6	47.6	47.9	47.6	47.1	46.5	46.8	" 2-6	
" 7-11	40.5	40.2	40.2	39.9	39.6	39.4	39.6	39.3	39.6	39.4	39.1	39.6	40.8	41.6	42.3	42.2	41.4	40.7	40.5	40.2	40.6	40.4	39.8	39.1	40.2	" 7-11		
" 12-16	40.8	40.8	40.3	40.3	40.3	40.7	41.2	41.1	41.0	41.0	41.0	41.4	42.0	42.4	42.8	42.8	42.5	41.9	41.4	41.6	41.0	41.2	41.1	41.3	42.4	41.3	" 12-16	
" 17-21	43.2	42.8	42.0	42.4	42.4	42.1	41.9	42.4	42.2	42.1	42.1	42.6	43.2	43.9	44.3	44.7	44.6	44.6	44.0	43.3	43.1	42.9	43.0	43.2	42.8	43.0	" 17-21	
" 22-26	41.9	41.9	42.1	41.3	41.0	40.7	40.5	40.3	40.3	40.2	40.7	40.8	40.8	41.1	42.1	42.5	42.6	42.0	41.7	41.4	41.6	40.8	40.5	39.5	39.3	41.0	" 22-26	
" 27-31	33.8	33.8	34.4	34.1	34.2	34.1	34.1	34.3	34.2	34.1	34.1	34.5	35.4	36.2	37.2	37.4	37.0	36.5	36.4	36.4	35.9	35.5	35.1	35.1	35.0	35.2	" 27-31	

TABLE III.

HOURLY and DAILY MEAN DIFFERENCE between the DRY and WET-BULB THERMOMETERS for FIVE-DAY PERIODS.
 ABERDEEN OBSERVATORY - - - - - LAT. 57° 10' N. LONG. 2° 6' W.

Five-day Periods.	A.M.												P.M.												Midt. (Five Days).	Five-day Periods.				
	Noon.												Midt.																	
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.						
1888. Jan.	1-5	2-6	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	25-26	26-27	27-28	28-29	29-30	31-32
Jan.	1-5	2-6	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	25-26	26-27	27-28	28-29	29-30	31-32
"	6-10	7-11	8-12	9-13	10-14	11-15	12-16	13-17	14-18	15-19	16-20	17-21	18-22	19-23	20-24	21-25	22-26	23-27	24-28	25-29	26-30	27-31	28-32	29-33	30-34	31-35	32-36	33-37	34-38	35-39
"	11-15	12-16	13-17	14-18	15-19	16-20	17-21	18-22	19-23	20-24	21-25	22-26	23-27	24-28	25-29	26-30	27-31	28-32	29-33	30-34	31-35	32-36	33-37	34-38	35-39	36-40	37-41	38-42	39-43	40-44
"	16-20	17-21	18-22	19-23	20-24	21-25	22-26	23-27	24-28	25-29	26-30	27-31	28-32	29-33	30-34	31-35	32-36	33-37	34-38	35-39	36-40	37-41	38-42	39-43	40-44	41-45	42-46	43-47	44-48	45-49
"	21-25	22-26	23-27	24-28	25-29	26-30	27-31	28-32	29-33	30-34	31-35	32-36	33-37	34-38	35-39	36-40	37-41	38-42	39-43	40-44	41-45	42-46	43-47	44-48	45-49	46-50	47-51	48-52	49-53	50-54
"	26-30	27-31	28-32	29-33	30-34	31-35	32-36	33-37	34-38	35-39	36-40	37-41	38-42	39-43	40-44	41-45	42-46	43-47	44-48	45-49	46-50	47-51	48-52	49-53	50-54	51-55	52-56	53-57	54-58	55-59
Feb.	31-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	25-26	26-27	27-28	28-29	29-30	30-31	31-32	32-33
"	5-9	6-10	7-11	8-12	9-13	10-14	11-15	12-16	13-17	14-18	15-19	16-20	17-21	18-22	19-23	20-24	21-25	22-26	23-27	24-28	25-29	26-30	27-31	28-32	29-33	30-34	31-35	32-36	33-37	34-38
"	10-14	11-15	12-16	13-17	14-18	15-19	16-20	17-21	18-22	19-23	20-24	21-25	22-26	23-27	24-28	25-29	26-30	27-31	28-32	29-33	30-34	31-35	32-36	33-37	34-38	35-39	36-40	37-41	38-42	39-43
"	15-19	16-20	17-21	18-22	19-23	20-24	21-25	22-26	23-27	24-28	25-29	26-30	27-31	28-32	29-33	30-34	31-35	32-36	33-37	34-38	35-39	36-40	37-41	38-42	39-43	40-44	41-45	42-46	43-47	44-48
"	20-24	21-25	22-26	23-27	24-28	25-29	26-30	27-31	28-32	29-33	30-34	31-35	32-36	33-37	34-38	35-39	36-40	37-41	38-42	39-43	40-44	41-45	42-46	43-47	44-48	45-49	46-50	47-51	48-52	49-53
"	25-1*	26-2	27-3	28-4	29-5	30-6	31-7	32-8	33-9	34-10	35-11	36-12	37-13	38-14	39-15	40-16	41-17	42-18	43-19	44-20	45-21	46-22	47-23	48-24	49-25	50-26	51-27	52-28	53-29	54-30
March	2-6	3-7	4-8	5-9	6-10	7-11	8-12	9-13	10-14	11-15	12-16	13-17	14-18	15-19	16-20	17-21	18-22	19-23	20-24	21-25	22-26	23-27	24-28	25-29	26-30	27-31	28-32	29-33	30-34	31-35
"	7-11	8-12	9-13	10-14	11-15	12-16	13-17	14-18	15-19	16-20	17-21	18-22	19-23	20-24	21-25	22-26	23-27	24-28	25-29	26-30	27-31	28-32	29-33	30-34	31-35	32-36	33-37	34-38	35-39	36-40
"	12-16	13-17	14-18	15-19	16-20	17-21	18-22	19-23	20-24	21-25	22-26	23-27	24-28	25-29	26-30	27-31	28-32	29-33	30-34	31-35	32-36	33-37	34-38	35-39	36-40	37-41	38-42	39-43	40-44	41-45
"	17-21	18-22	19-23	20-24	21-25	22-26	23-27	24-28	25-29	26-30	27-31	28-32	29-33	30-34	31-35	32-36	33-37	34-38	35-39	36-40	37-41	38-42	39-43	40-44	41-45	42-46	43-47	44-48	45-49	46-50
"	22-26	23-27	24-28	25-29	26-30	27-31	28-32	29-33	30-34	31-35	32-36	33-37	34-38	35-39	36-40	37-41	38-42	39-43	40-44	41-45	42-46	43-47	44-48	45-49	46-50	47-51	48-52	49-53	50-54	51-55
"	27-31	28-32	29-33	30-34	31-35	32-36	33-37	34-38	35-39	36-40	37-41	38-42	39-43	40-44	41-45	42-46	43-47	44-48	45-49	46-50	47-51	48-52	49-53	50-54	51-55	52-56	53-57	54-58	55-59	56-60
April	1-5	6-10	11-15	16-20	21-25	26-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56	57-58	59-60	61-62	63-64	65-66	67-68	69-70	71-72	73-74	75-76	76-77
"	6-10	11-15	16-20	21-25	26-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56	57-58	59-60	61-62	63-64	65-66	67-68	69-70	71-72	73-74	75-76	76-77	77-78
"	11-15	16-20	21-25	26-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56	57-58	59-60	61-62	63-64	65-66	67-68	69-70	71-72	73-74	75-76	76-77	77-78	78-79
"	16-20	21-25	26-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56	57-58	59-60	61-62	63-64	65-66	67-68	69-70	71-72	73-74	75-76	76-77	77-78	78-79	79-80
"	21-25	26-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56	57-58	59-60	61-62	63-64	65-66	67-68	69-70	71-72	73-74	75-76	76-77	77-78	78-79	79-80	81-82
"	26-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56	57-58	59-60	61-62	63-64	65-66	67-68	69-70	71-72	73-74	75-76	76-77	77-78	78-79	79-80	81-82	82-83
May	1-5	6-10	11-15	16-20	21-25	26-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56	57-58	59-60	61-62	63-64	65-66	67-68	69-70	71-72	73-74	75-76	76-77
"	6-10	11-15	16-20	21-25	26-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56	57-58	59-60	61-62	63-64	65-66	67-68	69-70	71-72	73-74	75-76	76-77	77-78
"	11-15	16-20	21-25	26-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56	57-58	59-60	61-62	63-64	65-66	67-68	69-70	71-72	73-74	75-76	76-77	77-78	78-79
"	16-20	21-25	26-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56	57-58	59-60	61-62	63-64	65-66	67-68	69-70	71-72	73-74	75-76	76-77	77-78	78-79	79-80
"	21-25	26-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56	57-58	59-60	61-62	63-64	65-66	67-68	69-70	71-72	73-74	75-76	76-77	77-78	78-79	79-80	81-82
"	26-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56	57-58	59-60	61-62	63-64	65-66	67-68	69-70	71-72	73-74	75-76	76-77	77-78	78-79	79-80	81-82	82-83
June	31-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	25-26	26-27	27-28	28-29	29-30	30-31	31-32	32-33
"	5-9	6-10	7-11	8-12	9-13	10-14	11-15	12-16	13-17	14-18	15-19	16-20	17-21	18-22	19-23	20-24	21-25	22-26	23-27	24-28	25-29	26-30	27-31	28-32	29-33	30-34	31-35	32-36	33-37	34-38
"	10-14	11-15	12-16	13-17	14-18	15-19	16-20	17-21	18-22	19-23	20-24	21-25	22-26	23-27	24-28	25-29	26-30	27-31	28-32	29-33	30-34	31-35	32-36	33-37	34-38	35-39	36-40	37-41	38-42	39-43
"	15-19	16-20	17-21	18-22	19-23	20-24	21-25	22-26	23-27	24-28	25-29	26-30	27-31	28-32	29-33	30-34	31-35	32-36	33-37	34-38	35-39	36-40	37-41	38-42	39-43	40-44	41-45	42-46	43-47	44-48
"	20-24	21-25	22-26	23-27	24-28	25-29	26-30	27-31	28-32	29-33	30-34	31-35	32-36	33-37	34-38	35-39	36-40	37-41	38-42	39-43	40-44	41-45	42-46	43-47	44-48	45-49	46-50	47-51	48-52	49-53
"	25-29	26-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56	57-58	59-60	61-62	63-64	65-66	67-68	69-70	71-72	73-74	75-76	76-77	77-78	78-79	79-80	81-82

* Six-day period.

† Probable.

TABLE III.—HOURLY and DAILY MEAN DIFFERENCE between the DRY and WET-BULB THERMOMETERS for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.		A.M.										Noon.		P.M.										Midt.		Daily Means (Five Days).	Five-day Periods.
	0.	24.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
1888. July 30-4 " 5-9 " 10-14 " 15-19 " 20-24 " 25-29 Aug. 30-3 " 4-8 " 9-13 " 14-18 " 19-23 " 24-28 Sept. 29-2 " 3-7 " 8-12 " 13-17 " 18-22 " 23-27 Oct. 28-2 " 3-7 " 8-12 " 13-17 " 18-22 " 23-27 Nov. 28-1 " 2-6 " 7-11 " 12-16 " 17-21 " 22-26 Dec. 27-1 " 2-6 " 7-11 " 12-16 " 17-21 " 22-26 " 27-31	0.0 2.7 1.7 0.6 1.1 1.4 1.6 1.6 2.0 2.8 0.7 1.4 1.9 2.2 1.9 1.8 1.4 1.8 2.0 2.2 1.9 1.7 1.5 1.8 1.9 1.8 1.6 1.7 2.0 2.2 1.8 1.6 1.5 1.4 1.3 1.2 2.4 3.4 3.6 1.7 2.8 2.5 1.9 1.4 1.5 1.8 2.0 2.2 1.9 1.7 2.0 2.4 2.7 2.0 2.2 1.8 1.6 2.0 2.4 2.6 2.0 2.2																											

TABLE IV.—MEAN HOURLY and DAILY WIND
ABERDEEN OBSERVATORY

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1888.																								
Jan. 1-5	-12'9	-1'5	-12'6	-1'8	-11'1	-1'2	-14'8	-0'3	-16'8	+1'1	-16'7	+1'8	-14'0	+0'7	-14'5	-1'4	-14'4	-0'4	-13'2	+0'3	-14'8	-3'0	-13'2	-0'9
" 6-10	-3'7	-4'7	-6'2	-5'1	-6'5	-4'0	-8'0	-7'9	-7'0	-5'5	-7'9	-5'6	-8'5	-4'9	-9'1	-5'8	-8'5	-5'7	-9'2	-2'0	-8'0	-4'9	-8'8	-4'2
" 11-15	-4'6	-1'7	-3'4	-2'1	-3'2	-1'7	-2'9	-1'6	-3'6	-2'1	-1'2	-3'3	-3'3	+0'9	-4'2	+1'1	-4'5	+0'7	-3'5	+0'5	-4'0	-1'5	-3'8	+2'1
" 16-20	-4'5	+0'6	-2'7	-1'5	-2'5	-1'6	-0'9	-1'8	-2'1	-1'3	+0'3	-2'7	+0'2	-1'2	0'0	0'0	-1'6	-0'3	-1'2	+0'5	-1'2	-1'8	-1'0	-2'1
" 21-25	-4'0	-9'2	-4'8	-6'8	-3'2	-10'7	-4'4	-11'3	-2'4	-6'7	-3'5	-8'3	-1'0	-5'3	-2'2	-6'9	-2'7	-7'7	-2'7	-4'1	-0'6	-3'3	-3'6	-7'8
" 26-30	+4'5	-6'5	+5'2	-5'3	+3'8	-9'5	+6'9	-11'9	+8'5	-10'5	+10'7	-8'4	+8'8	-9'5	+9'4	-10'4	+9'5	-13'0	+8'8	-16'7	+10'5	-11'6	+10'9	-15'5
Feb. 31-4	+6'5	-4'6	+5'4	-3'8	+3'0	-4'1	+3'0	-6'6	+0'7	-5'3	+1'6	-5'4	-1'4	-7'4	-1'2	-3'5	-1'3	-5'9	+0'8	-4'9	+1'6	-0'7	+1'1	-1'4
" 5-9	+3'9	-16'1	+4'3	-16'3	+0'9	-15'3	-0'3	-13'8	+3'2	-9'9	+2'2	-8'6	+3'5	-7'8	-0'1	-11'9	-1'0	-11'4	+0'2	-10'4	+1'5	-10'0	+0'6	-10'9
" 10-14	+4'6	-8'6	+3'0	-9'0	+2'8	-8'0	+2'7	-10'0	+3'8	-11'4	+4'4	-6'6	+5'0	-9'9	+3'8	-9'6	+1'9	-10'7	+2'3	-10'6	+2'6	-11'2	+2'7	-13'5
" 15-19	+3'5	-5'3	+5'9	-5'3	+7'1	-4'6	+4'8	+0'3	+7'5	-5'1	+5'3	-1'3	+8'5	-4'2	+8'7	-3'6	+9'6	-3'2	+11'0	-5'6	+10'0	-5'5	+10'6	-1'3
" 20-24	+4'5	+8'3	+4'1	+10'8	+4'0	+12'7	+3'9	+12'6	+3'1	+10'1	+3'3	+10'5	+3'1	+11'2	+1'4	+12'3	+1'9	+11'3	+5'2	+12'0	+3'1	+10'6	+2'4	+9'3
" 25-1*	+1'7	+7'0	+0'7	+7'2	-0'6	+4'8	+0'3	+3'0	+1'4	+2'7	+0'3	+4'5	+1'4	+2'5	+0'2	+2'8	+3'5	+2'5	+3'4	+4'6	+4'6	+3'2	+5'8	+5'
March 2-6	+6'1	-16'5	+6'0	-15'4	+9'3	-14'6	+10'9	-12'6	+8'1	-11'5	+6'3	-10'1	+6'3	-12'4	+7'0	-9'3	+5'8	-11'5	+5'9	-13'8	+6'2	-14'3	+5'4	-12'8
" 7-11	-6'2	+4'7	-7'1	+5'6	-8'4	+3'7	-7'9	+5'6	-9'8	+5'2	-10'9	+1'2	-10'0	+3'2	-9'7	+2'4	-6'4	+2'5	-4'4	+2'6	-7'3	+2'7	-8'4	+6'6
" 12-16	-9'9	+23'5	-8'6	+22'2	-7'3	+22'9	-6'9	+22'8	-5'2	+20'2	-5'2	+20'3	-7'2	+22'5	-8'1	+21'2	-4'8	+22'4	-5'6	+22'7	-6'6	+22'1	-7'3	+23'0
" 17-21	+2'1	+5'9	+1'8	+8'9	+0'7	+7'1	+2'0	+5'7	+1'9	+4'5	-2'2	+5'3	+1'1	+6'4	+1'4	+4'8	-0'8	+4'3	-1'6	+4'6	-1'7	+6'1	-1'2	+4'1
" 22-26	+10'8	-1'1	+11'5	+3'8	+12'1	+1'0	+11'8	-1'2	+9'8	+0'4	+9'1	-0'5	+8'9	-1'5	+8'5	-2'4	+8'1	-1'1	+10'0	+1'8	+11'5	+0'9	+9'9	+0'7
" 27-31	+7'7	+4'2	+8'2	+2'8	+8'1	+0'5	+6'6	-0'3	+7'3	-2'2	+8'3	-3'0	+7'4	-4'6	+7'8	-8'4	+8'9	-6'6	+9'2	-5'0	+9'5	-1'6	+9'3	+3'3
April 1-5	+10'7	-11'4	+10'1	-8'6	+9'8	-10'0	+9'7	-6'9	+9'0	-7'2	+9'5	-7'1	+7'5	-8'0	+7'7	-9'1	+5'8	-6'1	+6'8	-2'6	+7'9	-4'4	+12'2	-5'1
" 6-10	+2'3	-0'9	+4'6	-2'1	+2'2	-2'8	+1'3	-1'2	+3'7	-5'4	+4'7	-5'3	+5'5	-6'0	+3'5	-5'9	+4'4	-2'9	+4'8	-3'0	+2'6	-0'5	+2'9	+2'5
" 11-15	+2'1	-8'1	+2'5	-7'7	+0'3	-6'9	+0'7	-6'5	-0'6	-4'5	-0'4	-4'6	-0'3	-6'7	-1'3	-8'9	+4'2	-10'5	+3'8	-9'8	-1'3	-11'0	+3'9	-10'4
" 16-20	-1'0	+2'4	-2'3	+3'3	+0'3	+3'9	-0'8	+4'7	+2'1	+4'9	+1'4	+3'7	+5'0	+2'9	+1'7	+3'5	+2'7	+3'3	+0'3	+4'0	+0'7	+7'4	-0'3	+4'2
" 21-25	+7'7	+4'3	+7'3	+4'9	+7'6	+6'4	+8'4	+6'8	+8'9	+7'2	+12'0	+8'3	+11'4	+12'9	+14'4	+13'6	+14'9	+12'8	+13'1	+15'9	+15'7	+18'0	+13'5	+18'5
" 26-30	-6'3	-3'9	-6'3	-6'8	-5'1	-6'4	-3'3	-3'1	-0'5	-5'1	-5'5	-3'5	-6'7	-4'9	-7'1	-6'0	-8'1	-6'8	-5'8	-2'2	-9'4	-5'3	-5'7	-6'2
May 1-5	-7'5	-8'2	-8'6	-5'6	-8'6	-4'9	-10'2	-1'7	-8'2	+1'0	-9'2	-2'0	-10'8	-5'3	-6'2	-6'9	-5'1	-9'5	-4'8	-10'2	-5'6	-12'8	-6'9	-12'3
" 6-10	-4'3	-7'4	-4'6	-7'8	-1'4	-10'4	-2'1	-8'3	-0'6	-6'7	-0'3	-8'6	+0'4	-12'4	+0'8	-13'2	+2'4	-13'4	+2'6	-14'0	+3'9	-13'9	-0'1	-14'6
" 11-15	-0'1	-8'3	+0'3	-9'0	+0'3	-7'2	-0'7	-6'6	+0'2	-6'3	+0'7	-8'9	+1'1	-10'2	+3'3	-10'0	+7'2	-12'8	+6'2	-11'3	+8'4	-11'7	+7'3	-11'3
" 16-20	-5'9	+0'2	-4'6	+0'5	-3'8	+2'0	-3'2	+1'2	-5'2	+2'1	-5'9	+1'3	-5'2	+1'6	-6'9	+1'8	-8'8	-0'9	-10'4	+1'8	-8'8	+2'5	-7'1	+4'9
" 21-25	+2'7	-6'4	+3'3	-6'1	+3'6	-4'8	+1'5	-3'4	+2'8	-2'3	+4'7	-5'2	+5'3	-3'9	+6'9	-0'8	+7'1	+0'5	+6'7	+1'2	+4'8	+2'0	+5'1	+3'4
" 26-30	-1'7	-1'1	-2'1	-2'4	-1'7	0'0	-2'8	-1'2	-3'4	-0'4	-2'4	-1'4	-1'2	+2'0	-2'1	+7'2	-1'2	+5'6	-1'8	+5'5	-3'9	+7'0	-3'9	+8'4
June 31-4	-0'9	-6'8	-0'7	-7'3	-0'5	-6'9	+0'3	-7'1	-0'1	-6'2	-0'2	-7'7	+0'5	-6'8	+1'3	-3'2	+5'0	-1'8	+5'6	+1'9	+8'8	+0'2	+6'4	+0'7
" 5-9	-1'9	+2'4	-0'2	+1'3	-0'6	+1'8	-1'2	+1'5	-2'1	+2'3	-1'5	+3'3	+1'0	+3'8	-0'6	+6'7	-2'4	+7'2	-2'0	+6'3	-4'6	+7'6	-4'0	+5'5
" 10-14	-2'8	-4'5	-4'9	-5'7	-5'0	-4'3	-4'1	-2'9	-6'0	-4'6	-6'0	-4'8	-6'8	-4'5	-5'1	-3'7	-10'0	-2'0	-9'5	-0'1	-12'3	-0'3	-12'6	-1'1
" 15-19	+10'0	-3'6	+7'1	-2'3	+8'3	-3'5	+8'4	-1'0	+7'8	-2'8	+9'4	-3'0	+9'8	-0'5	+9'7	-1'7	+10'7	+1'1	+9'6	+3'2	+9'1	+4'6	+8'7	+2'1
" 20-24	+9'8	-1'0	+8'9	-2'0	+10'2	-2'5	+9'4	-3'3	+9'6	-2'8	+8'2	-4'1	+8'8	-4'3	+9'7	-2'7	+10'9	-0'4	+9'6	+3'5	+9'8	+6'6	+9'5	+8'3
" 25-29	+5'2	+0'9	+6'9	+0'6	+6'4	-1'2	+6'7	-1'8	+4'8	-0'6	+4'1	-1'6	+4'4	+1'3	+5'7	+3'1	+5'3	+4'1	+4'9	+4'5	+5'2	+3'2	+6'8	+3'6

* Six-day period.

COMPONENTS for FIVE-DAY PERIODS.

LAT. 57° 10' N. LONG. 2° 6' W.

P.M.																							Midt.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		N.	E.	
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
-15°0	-1°4	-11°8	-2°0	-11°9	-0°5	-11°6	+1°0	-9°3	+0°7	-11°6	-1°8	-9°6	-2°3	-9°5	-2°3	-9°7	-2°0	-11°7	-2°7	-9°2	-0°2	-11°4	-2°9	-12°6	-1°0	
-9°0	-5°5	-11°1	-3°2	-9°0	-2°5	-4°9	-3°6	-7°4	-4°5	-5°4	-5°3	-5°0	-3°0	-5°9	-3°2	-5°0	-1°7	-3°4	-2°1	-2°8	-1°6	-3°4	-4°3	-6°8	-4°2	
-4°2	+0°7	-5°2	+0°9	-3°9	-0°5	-2°1	+1°6	-2°2	-0°6	-2°4	-1°9	-2°1	-2°2	-4°4	-0°7	-5°1	+0°2	-3°7	-0°6	-5°0	-1°9	-4°3	-2°2	-3°6	-0°7	
-3°6	-0°4	-2°7	-0°9	-3°2	-0°4	-2°7	-2°3	-2°4	-2°2	-0°8	-2°0	-2°5	-1°1	-1°7	-1°6	-1°7	-0°7	-2°6	-2°3	-3°2	-0°8	-3°1	-3°1	-2°0	-1°3	
-2°7	-5°5	-5°5	-3°3	-5°5	-3°6	-4°9	-2°1	-5°6	-5°5	-6°7	-10°2	-5°7	-6°9	-6°9	-6°8	-6°3	-7°3	-5°9	-7°0	-5°7	-8°5	-5°1	-8°5	-4°2	-6°8	
+10°3	-17°0	+9°2	-16°7	+9°8	-18°6	+10°2	-16°4	+10°0	-13°7	+7°4	-12°5	+8°1	-8°6	+6°0	-6°5	+7°2	-11°5	+4°9	-9°5	+5°6	-9°3	+3°5	-7°4	+7°9	-11°5	
-1°1	-0°3	-3°2	+1°1	-3°4	-0°6	-1°3	-1°4	+0°5	-4°2	+0°4	-4°2	+4°4	-3°9	+4°1	-6°4	+4°7	-8°3	+5°4	-10°3	+3°0	-7°3	+5°9	-4°1	+1°6	-4°3	
0°0	-11°8	0°0	-12°6	-1°6	-12°2	+0°8	-11°9	-1°8	-10°9	-1°7	-12°4	-4°5	-9°1	-2°5	-13°2	-0°6	-12°4	0°0	-13°2	+1°1	-15°7	+1°2	-14°5	+0°4	-12°2	
+4°6	-11°5	+3°9	-13°2	+4°8	-13°4	+5°8	-12°2	+5°1	-12°0	+4°5	-9°7	+6°1	-4°7	+5°5	-9°7	+7°2	-8°3	+4°5	-3°9	+6°8	-1°3	+6°2	-1°0	+4°4	-9°2	
+10°1	-3°3	+7°7	-2°7	+10°1	-0°5	+8°0	-1°6	+6°0	-5°3	+6°0	-5°1	+6°0	-4°5	+5°7	-5°6	+6°9	-3°1	+5°8	-2°6	+9°7	-3°3	+6°9	-5°6	+7°6	-3°7	
+7°8	+6°1	+5°0	+6°8	+6°0	+3°5	+6°4	+4°7	+5°6	+8°2	+1°6	+5°1	+4°0	+5°8	+1°2	+6°6	+0°3	+6°8	+0°2	+11°2	-1°0	+10°3	0°0	+10°2	+3°2	+9°0	
+8°6	+5°8	+6°5	+6°8	+5°7	+7°7	+4°6	+7°1	+4°0	+2°8	+3°1	+3°3	+2°8	+3°5	+3°5	+3°4	+2°6	+2°7	+1°6	+2°3	+1°3	+1°4	+1°3	+2°9	+2°8	+4°2	
+4°5	-10°2	+5°9	-12°7	+5°4	-11°9	+6°6	-12°0	+5°9	-9°3	+2°3	-8°8	+3°1	-11°2	+3°4	-10°3	+4°0	-11°7	+4°7	-11°8	+4°6	-11°9	+4°4	-12°5	+5°8	-12°0	
-9°2	+3°4	-3°0	+8°0	-2°6	+12°4	-3°2	+13°7	-2°2	+12°8	-3°6	+12°9	-2°9	+15°2	-3°8	+15°8	-2°6	+15°0	-4°7	+15°0	-4°1	+12°9	-4°7	+13°4	-6°0	+8°2	
-7°8	+22°7	-8°5	+23°1	-8°4	+22°6	-7°7	+22°8	-7°5	+21°4	-9°4	+19°1	-7°2	+18°0	-7°0	+17°2	-9°6	+21°6	-10°4	+19°5	-10°4	+17°1	-10°1	+17°0	-7°8	+21°2	
-0°3	+5°0	-2°1	+5°3	-0°3	+6°6	0°0	+6°7	+1°7	+6°0	+0°8	+4°5	+2°5	+4°2	+2°0	+5°3	+1°3	+4°1	+2°6	+6°6	+2°1	+6°7	+0°8	+6°4	+0°6	+5°6	
+12°4	+1°7	+11°4	-2°2	+10°2	-1°6	+9°6	-1°3	+10°8	-1°0	+12°0	+1°0	+11°6	-1°6	+11°5	-0°8	+12°1	-2°1	+11°4	-3°3	+10°4	-5°0	+9°8	-4°5	+10°6	-0°8	
+9°3	+3°8	+9°7	+7°5	+9°5	+8°3	+11°2	+7°2	+9°8	+3°2	+9°6	+5°9	+8°9	+5°6	+8°3	+6°8	+8°0	+5°0	+9°4	+5°2	+8°0	+5°8	+7°6	+4°9	+8°7	+2°0	
+10°5	-6°0	+12°2	-4°0	+12°2	-4°0	+7°5	-0°2	+9°7	-0°7	+9°3	-2°1	+6°8	-4°7	+6°7	-5°6	+9°0	-8°6	+10°4	-8°5	+9°1	-8°2	+6°7	-9°4	+9°0	-6°2	
+2°3	+1°0	+2°5	+1°5	+1°7	+2°4	-0°6	+1°2	-0°6	+5°2	+0°3	+5°4	-0°8	+2°6	+0°1	+2°5	-0°6	+0°8	+0°2	-0°6	+0°9	-0°5	+3°2	-1°0	+2°1	-0°5	
+1°9	-8°0	+1°8	-5°1	-0°9	-3°0	-1°9	-0°8	-3°0	-3°9	-1°1	-5°5	-2°4	-4°3	-4°1	-5°2	-6°0	-2°7	-6°0	-3°4	-6°4	-2°7	-3°8	-2°7	-0°8	-6°0	
-1°7	+6°6	-2°1	+6°5	-0°1	+6°6	-1°0	+4°7	-0°2	+4°7	-0°9	+5°3	-0°4	+4°2	-0°8	+2°8	+2°5	+2°9	+1°8	+1°9	+3°8	+1°4	+2°1	+0°9	+0°5	+4°0	
+13°5	+16°4	+12°8	+15°2	+12°9	+15°9	+10°7	+14°0	+10°7	+13°0	+8°0	+11°3	+6°8	+8°3	+7°5	+4°8	+8°9	+2°1	+9°6	+4°1	+8°5	+5°3	+5°9	+3°8	+10°4	+10°2	
-10°1	-5°7	-12°0	-7°6	-7°5	-8°0	-7°0	-10°3	-4°9	-9°4	-5°8	-9°5	-7°9	-7°2	-6°8	-6°6	-6°1	-5°4	-5°3	-6°5	-5°9	-4°3	-6°2	-2°0	-6°5	-5°9	
-6°2	-14°1	-5°4	-16°1	-4°9	-14°6	-6°2	-13°7	-5°6	-13°8	-5°7	-12°6	-4°0	-9°2	-3°9	-8°3	-4°1	-8°2	-5°7	-8°7	-7°1	-8°8	-6°1	-9°2	-6°4	-9°0	
+0°7	-12°0	+1°8	-11°9	+1°4	-11°0	-2°5	-10°1	-1°9	-11°6	-1°2	-10°7	+0°1	-9°4	+0°9	-7°2	-1°6	-6°5	-2°0	-7°4	-1°6	-8°6	-1°3	-10°7	-0°4	-10°3	
+7°8	-10°4	+2°8	-7°9	+2°6	-7°8	+4°4	-9°4	+4°1	-7°8	+3°7	-6°7	+3°8	-4°7	+3°7	-3°7	+3°5	-3°8	+0°3	-3°6	-0°4	-5°4	+0°3	-5°4	+2°9	-7°9	
-6°4	+7°2	-9°2	+8°6	-9°6	+8°6	-7°8	+9°1	-7°4	+8°0	-7°5	+4°6	-6°9	+2°8	-5°6	+5°2	-4°2	+5°9	-5°8	+5°4	-5°9	+5°4	-3°8	+3°4	-6°5	+3°9	
+5°5	+3°6	+5°8	+4°1	+6°2	+5°3	+6°0	+5°2	+5°6	+5°3	+4°2	+3°0	+4°6	+1°5	+2°6	-1°1	+3°0	-0°6	+3°6	0°0	+4°7	-2°6	+5°7	-4°4	+4°7	-0°3	
-2°3	+9°1	-3°6	+9°8	-3°2	+8°6	-3°3	+8°4	-1°8	+8°8	-1°4	+5°6	-1°9	+4°9	-2°7	+4°9	-5°1	+3°3	-4°3	+2°4	-3°2	-0°2	-3°9	+0°8	-2°7	+4°0	
+6°4	+0°3	+5°9	+0°8	+5°1	-1°4	+5°1	-1°7	+5°2	0°0	+5°1	-1°1	+6°3	-1°9	+5°6	-2°4	+5°7	-2°5	+5°7	-2°8	+3°1	-7°3	+3°7	-9°7	+3°7	-3°4	
-3°2	+6°9	-2°3	+10°1	-3°8	+7°5	-4°3	+8°6	-5°5	+7°7	-4°9	+7°1	-5°3	+5°9	-5°0	+3°3	-3°6	+1°6	-4°3	+0°5	-4°1	+0°8	-3°6	+1°6	-2°9	+4°6	
-10°8	-1°2	-11°5	-4°7	-11°3	-5°5	-7°0	-3°0	-7°4	-2°2	-6°7	-2°3	-4°7	-2°9	-4°5	-1°1	-6°3	-2°1	-2°9	-1°2	-4°1	-1°1	-3°3	-2°9	-7°1	-2°9	
+9°8	+4°4	+9°5	+6°9	+10°0	+7°0	+11°0	+6°4	+12°0	+4°5	+11°7	+5°3	+10°5	+2°2	+11°3	-0°8	+9°4	-0°5	+10°3	-2°2	+10°8	-2°6	+10°9	-4°5	+9°8	+0°7	
+9°4	+7°3	+9°9	+8°9	+9°8	+8°4	+9°1	+8°7	+9°4	+6°7	+7°5	+5°4	+8°3	+3°3	+7°7	+2°9	+8°6	+2°0	+8°0	+3°4	+7°9	-1°0	+7°6	-1°3	+9°1	+2°1	
+5°8	+5°1	+6°9	+5°7	+7°0	+3°9	+8°6	+3°8	+8°3	+4°8	+7°0	+3°7	+7°9	+1°2	+7°3	+1°7	+6°5	-0°7	+6°2	+0°1	+7°6	+0°4	+9°2	-0°6	+6°5	+1°9	

TABLE IV.—MEAN HOURLY and DAILY WIND

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1888.																								
July 30-4	+ 8'4	+ 2'9	+ 7'0	+ 3'6	+ 8'1	+ 3'5	+ 8'3	+ 3'6	+10'8	+ 2'7	+ 9'8	+ 1'1	+10'2	+ 0'7	+11'5	+ 1'7	+10'9	+ 2'0	+10'0	+ 0'2	+10'1	+ 1'1	+10'4	+ 1'3
" 5-9	+ 0'1	- 3'9	+ 1'0	- 4'0	+ 2'1	- 4'6	+ 3'0	- 2'6	+ 1'0	- 3'1	+ 2'2	- 3'9	+ 3'1	- 2'6	+ 3'9	- 4'5	+ 2'7	- 2'5	+ 6'2	- 2'7	+ 4'8	- 2'1	+ 4'5	- 2'2
" 10-14	+10'9	-11'2	+10'6	-10'0	+12'2	- 8'4	+ 9'1	- 8'1	+10'3	- 8'9	+10'3	- 9'2	+ 9'2	- 8'6	+11'0	- 9'5	+11'0	-11'0	+10'3	- 7'8	+ 8'3	-10'2	+ 8'2	- 0'2
" 15-19	+ 2'5	+ 2'4	+ 2'7	+ 2'9	+ 3'4	+ 2'6	+ 2'9	+ 1'9	+ 3'1	+ 2'3	+ 3'3	+ 3'1	+ 4'4	+ 2'8	+ 4'4	+ 4'5	+ 5'0	+ 8'2	+ 3'5	+ 9'5	+ 1'9	+10'9	+ 1'7	+ 9'1
" 20-24	+ 1'6	+ 1'6	+ 2'0	+ 0'1	+ 0'3	+ 0'3	+ 3'1	+ 2'1	+ 3'2	+ 4'1	+ 2'5	+ 2'9	- 1'7	+ 4'3	- 2'2	+ 5'7	- 2'3	+ 5'4	- 2'0	+ 8'3	- 3'9	+10'1	- 4'1	+ 9'2
" 25-29	+ 4'5	- 2'0	+ 4'5	- 4'2	+ 5'1	- 3'1	+ 5'4	- 2'5	+ 5'6	- 2'1	+ 5'6	- 1'6	+ 7'0	- 1'8	+ 6'1	+ 1'8	+ 5'8	+ 3'2	+ 5'4	+ 2'3	+ 5'5	+ 4'1	+ 3'4	+ 5'0
Aug. 30-3	+ 3'1	- 4'6	+ 2'6	- 5'3	+ 2'7	- 4'9	+ 2'9	- 4'8	+ 2'9	- 4'8	+ 2'1	- 3'2	+ 3'0	- 1'4	+ 2'3	- 2'2	+ 1'1	- 2'5	- 1'0	+ 0'4	- 1'2	+ 1'5	- 2'4	- 2'1
" 4-8	+ 1'0	- 2'4	+ 0'3	- 4'1	- 0'4	- 5'4	- 1'0	- 4'2	- 0'3	- 3'1	- 0'4	- 6'9	- 0'6	- 8'9	- 1'3	- 9'2	+ 0'6	- 6'2	- 0'9	- 8'4	- 0'4	- 8'3	+ 1'4	- 5'1
" 9-13	- 0'5	- 0'7	- 1'8	- 0'8	- 3'1	- 0'9	- 1'3	- 1'4	- 0'9	+ 1'1	- 1'5	+ 1'5	- 0'4	- 0'5	+ 0'3	- 0'7	+ 0'3	- 0'8	- 0'4	+ 1'3	+ 0'1	+ 1'7	- 0'2	+ 1'2
" 14-18	+ 5'2	- 8'0	+ 3'8	- 7'2	+ 2'3	-10'7	+ 2'2	- 9'4	+ 2'8	- 9'3	+ 2'2	-10'0	+ 3'8	-11'4	+ 5'6	-12'8	+ 8'7	- 9'8	+ 9'4	- 9'1	+ 9'8	-10'2	+ 9'1	-11'2
" 19-23	- 3'5	+ 0'2	- 3'4	+ 1'2	- 4'2	+ 1'4	- 4'2	+ 2'0	- 4'1	+ 2'7	- 4'2	+ 2'3	- 3'7	+ 2'5	- 4'3	+ 1'1	- 6'3	+ 3'2	- 8'2	+ 4'3	- 9'1	+ 4'8	- 9'4	+ 6'2
" 24-28	-10'8	+ 1'0	- 8'6	+ 1'3	-10'7	- 0'2	-10'4	- 1'1	-10'8	+ 0'1	-13'4	0'0	-10'0	- 1'0	-12'3	- 2'5	-14'0	- 0'6	-14'5	- 2'0	-12'1	- 2'0	-14'6	- 3'2
Sept. 29-2	+ 1'8	- 4'4	+ 1'5	- 3'9	+ 1'5	- 4'8	- 1'3	- 6'0	- 1'7	- 5'1	- 1'2	- 4'5	- 1'4	- 3'4	- 1'0	- 5'6	- 0'6	- 6'2	- 1'3	- 8'7	- 2'3	- 5'4	- 3'8	- 4'9
" 3-7	- 1'1	- 3'0	- 0'3	- 2'9	- 1'9	- 3'4	- 0'3	- 1'6	- 0'6	- 1'4	- 1'4	- 2'7	- 4'5	- 1'8	- 2'3	- 2'7	- 2'9	- 3'3	- 2'0	- 3'7	- 4'1	- 4'4	- 4'4	- 2'8
" 8-12	+ 5'7	- 9'2	+ 4'1	- 8'8	+ 4'1	-10'3	+ 3'1	- 9'7	+ 2'8	- 7'8	+ 1'8	- 9'2	+ 1'9	- 9'1	+ 2'5	- 7'8	+ 2'5	- 8'4	+ 4'4	- 7'8	+ 4'3	- 6'8	+ 4'1	- 6'1
" 13-17	- 1'9	- 4'9	- 1'4	- 4'8	- 1'7	- 2'7	- 1'4	- 0'7	- 0'6	- 2'2	- 2'4	- 0'2	- 2'1	- 2'7	- 0'3	- 3'3	- 3'1	- 2'1	- 2'9	- 0'2	- 5'8	+ 2'2	- 7'1	+ 3'6
" 18-22	- 4'2	+ 0'5	- 4'0	+ 0'5	- 3'7	+ 0'5	- 3'6	+ 0'5	- 2'5	- 0'6	- 2'2	- 2'2	- 2'3	- 0'9	- 2'2	0'0	- 5'7	+ 1'8	- 8'5	+ 2'3	- 8'3	+ 2'4	- 9'4	+ 4'2
" 23-27	+ 2'9	- 1'6	+ 2'9	- 1'3	+ 2'5	- 2'1	+ 2'1	- 3'4	+ 1'7	- 2'8	+ 1'4	- 4'8	+ 1'1	- 4'1	+ 2'7	- 4'6	+ 4'6	+ 0'3	+ 2'4	+ 3'2	+ 1'5	+ 5'4	+ 1'5	+ 7'1
Oct. 28-2	+ 3'5	- 9'4	+ 4'2	- 9'0	+ 4'2	-10'8	+ 3'5	-10'6	+ 3'7	-10'0	+ 3'3	-10'6	+ 0'1	-11'7	+ 2'4	-11'0	+ 1'6	-12'6	+ 3'2	-13'6	+ 2'5	- 9'4	+ 3'4	- 5'3
" 3-7	+ 4'0	-11'9	+ 3'3	-13'0	+ 5'8	-10'6	+ 4'4	-10'4	+ 3'4	-11'8	+ 3'1	-11'8	+ 3'6	-11'5	+ 2'7	-13'9	+ 8'5	-19'5	+ 9'4	-19'3	+ 9'7	-19'4	+14'7	-19'4
" 8-12	+ 0'7	- 4'4	- 0'7	- 5'0	- 0'2	- 4'0	- 0'9	- 5'1	- 1'9	- 6'6	- 0'6	- 6'6	- 1'1	- 2'6	+ 0'2	- 5'1	- 1'5	- 5'8	- 1'4	- 7'2	- 0'2	- 9'6	+ 0'6	-11'8
" 13-17	+ 4'4	- 9'9	+ 5'1	- 9'7	+ 4'8	- 9'6	+ 3'1	- 9'7	+ 4'1	- 9'3	+ 2'1	- 8'6	+ 2'3	- 8'4	+ 4'3	- 9'0	+ 3'5	- 8'5	+ 3'8	-10'5	+ 2'2	- 8'2	+ 3'8	-10'7
" 18-22	- 4'0	+ 0'7	- 3'6	+ 1'0	- 3'4	+ 0'8	- 5'0	+ 1'5	- 3'9	+ 0'9	- 6'5	+ 1'5	- 6'2	+ 0'5	- 7'5	+ 1'3	- 7'3	- 1'7	- 3'7	- 0'1	- 4'9	+ 2'2	- 6'6	+ 3'0
" 23-27	- 8'5	- 1'3	- 7'2	- 1'1	- 7'6	- 2'5	- 5'7	+ 0'2	- 7'9	- 1'8	- 8'9	- 2'4	- 9'2	- 1'7	- 9'2	- 2'5	- 8'7	- 0'9	- 8'6	- 1'4	-10'6	- 2'6	-11'3	- 2'8
Nov. 28-1	- 8'8	- 3'6	- 6'5	- 3'2	- 6'4	- 1'9	- 8'4	- 2'9	- 8'4	- 4'4	- 8'5	- 4'4	- 7'9	- 3'5	- 9'2	- 5'3	- 9'2	- 3'0	-10'2	- 2'1	- 9'6	- 4'9	- 7'0	- 8'5
" 2-6	- 2'1	+13'7	- 2'2	+13'7	- 1'9	+13'0	- 4'1	+14'3	- 1'4	+12'7	- 2'4	+12'8	- 5'8	+18'4	- 4'7	+19'1	- 5'1	+20'8	- 5'5	+16'3	- 6'4	+18'0	- 5'9	+18'2
" 7-11	-20'0	+16'5	-19'3	+16'0	-20'5	+17'1	-20'5	+17'0	-19'6	+16'7	-18'3	+17'2	-20'0	+18'3	-19'9	+16'0	-20'3	+16'8	-18'5	+16'2	-18'2	+17'9	-17'9	+15'4
" 12-16	-13'7	+ 9'2	-16'4	+12'4	-15'0	+12'6	-18'7	+12'9	-19'7	+14'5	-21'9	+13'5	-21'0	+14'0	-21'1	+12'5	-24'3	+11'7	-27'8	+ 6'5	-24'3	+ 6'0	-25'1	+ 5'9
" 17-21	-11'6	-13'5	-11'4	-13'4	-10'2	-12'8	- 7'7	- 9'9	- 9'3	-10'9	-10'9	-10'6	-15'3	- 9'6	- 9'0	-12'0	- 9'8	-13'1	- 9'6	- 9'5	- 8'6	-11'2	- 9'2	-15'1
" 22-26	-11'2	- 4'0	-13'2	- 6'7	-12'7	- 6'5	-10'2	-10'0	-10'9	-10'7	- 8'3	-11'4	- 9'2	-10'7	-11'5	-10'6	-12'8	- 7'6	-12'9	-11'8	-13'6	-12'4	-14'3	-14'6
Dec. 27-1	0'0	+ 3'1	+ 0'6	+ 1'4	- 0'6	- 1'8	- 0'4	- 1'1	- 1'8	- 0'5	- 1'8	+ 1'4	- 2'0	+ 1'1	- 2'5	+ 3'3	- 4'6	+ 6'7	- 4'1	+ 7'6	- 3'4	+10'0	- 4'1	+12'7
" 2-6	- 8'4	- 1'9	- 7'2	- 3'3	- 9'4	- 0'8	- 6'7	- 0'1	- 6'4	+ 1'3	-10'6	+ 1'7	-12'0	+ 2'3	-11'5	+ 2'2	-13'2	+ 1'7	-11'8	+ 1'5	-10'3	- 0'3	- 9'8	+ 1'0
" 7-11	- 2'3	- 4'5	- 3'5	- 4'1	- 4'9	- 2'7	- 3'7	- 1'8	- 6'2	- 1'0	- 5'0	- 3'4	- 2'9	- 3'2	- 2'1	- 4'4	- 3'1	- 2'9	- 4'1	- 2'1	- 8'5	- 0'7	- 7'6	- 1'7
" 12-16	- 8'3	- 5'3	- 7'5	- 4'5	- 9'3	- 5'7	- 6'3	- 5'7	- 7'4	- 2'4	- 6'7	- 4'1	- 6'2	- 1'8	- 5'3	- 1'7	- 4'8	- 1'6	- 4'3	- 0'9	- 6'9	- 1'8	- 6'4	- 2'4
" 17-21	- 9'0	- 2'2	- 8'9	- 2'4	- 8'5	- 0'8	- 7'1	+ 0'2	- 6'7	- 0'1	- 6'7	+ 0'1	- 6'0	- 0'8	- 7'4	0'0	- 9'9	+ 0'5	- 8'6	+ 1'8	-10'6	+ 4'2	-11'4	+ 2'4
" 22-26	-14'9	+ 4'9	-13'8	+ 6'9	-14'8	+ 5'8	-15'1	+ 5'8	-15'1	+ 6'6	-15'8	+ 7'1	-14'6	+ 6'7	-15'0	+ 6'8	-12'6	+ 7'5	-12'4	+ 6'4	-11'3	+ 3'6	-13'7	+ 4'8
" 27-31	- 4'1	- 6'4	- 5'6	- 5'1	- 4'8	- 2'3	- 3'7	- 2'2	- 2'0	- 4'9	- 2'2	- 2'0	- 0'8	- 3'2	- 6'2	- 2'9	- 2'3	- 5'7	- 2'2	- 6'1	- 5'6	- 3'7	- 4'1	- 4'4

COMPONENTS for FIVE-DAY PERIODS—continued.

P.M.																							Midt.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
+ 9'2	- 1'3	+ 9'2	- 0'3	+ 0'8	0'0	+ 8'0	- 0'6	+ 7'7	+ 1'7	+ 3'7	+ 1'6	+ 5'2	+ 1'8	+ 6'1	+ 3'2	+ 5'1	+ 2'8	+ 5'1	+ 4'0	+ 6'0	+ 3'4	+ 7'5	+ 3'3	+ 8'2	+ 1'8	
+ 4'4	+ 0'4	+ 2'7	- 1'1	+ 1'5	- 1'6	+ 4'5	- 2'2	+ 6'5	- 3'5	+ 7'5	- 3'4	+ 6'7	- 4'2	+ 5'8	- 4'2	+ 5'7	- 6'4	+ 4'7	- 5'8	+ 5'4	- 7'9	+ 3'4	- 8'6	+ 3'9	- 3'6	
+ 8'9	- 8'5	+ 11'3	- 8'9	+ 11'8	- 9'7	+ 11'7	- 7'0	+ 10'5	- 6'4	+ 10'5	- 9'5	+ 11'1	- 9'0	+ 8'8	- 10'4	+ 8'5	- 9'2	+ 8'1	- 9'3	+ 6'2	- 8'4	+ 7'2	- 5'9	+ 9'8	- 8'9	
+ 1'2	+ 10'3	+ 0'4	+ 9'6	- 1'4	+ 9'3	- 1'6	+ 5'8	- 2'5	+ 8'9	- 3'4	+ 6'0	- 3'7	+ 4'6	- 2'2	+ 5'5	- 0'8	+ 5'3	+ 0'1	+ 4'3	+ 1'7	+ 3'2	+ 2'0	+ 3'0	+ 1'2	+ 5'8	
- 5'3	+ 6'6	- 4'6	+ 7'4	- 4'7	+ 7'0	- 4'5	+ 6'0	- 4'5	+ 4'3	- 4'7	+ 3'5	- 2'6	+ 2'9	- 1'1	+ 2'9	+ 2'3	+ 2'2	+ 1'8	+ 2'4	+ 0'6	+ 2'1	+ 1'7	+ 1'1	- 1'2	+ 4'3	
+ 1'9	+ 4'6	+ 1'4	+ 6'6	+ 2'7	+ 7'2	+ 3'4	+ 5'9	+ 2'9	+ 8'6	+ 3'9	+ 6'0	+ 3'7	+ 3'8	+ 3'5	+ 4'5	+ 4'1	+ 2'0	+ 4'5	+ 0'3	+ 2'6	- 1'9	+ 4'2	- 1'8	+ 4'3	+ 1'9	
- 1'1	+ 1'5	- 0'9	+ 1'0	- 1'3	+ 1'0	- 4'4	+ 1'0	- 4'5	+ 0'6	- 3'1	- 0'9	- 3'9	- 0'6	- 3'7	- 2'6	- 0'5	- 1'5	+ 0'3	- 1'5	+ 0'9	- 1'3	+ 0'8	- 1'2	- 0'1	- 1'6	
+ 1'0	- 6'1	- 0'2	- 6'9	- 1'5	- 5'0	- 5'0	- 5'1	- 4'2	- 5'1	- 3'8	- 4'7	- 3'6	- 4'3	- 2'6	- 6'0	- 2'9	- 5'0	- 1'2	- 5'7	- 0'7	- 4'6	- 1'7	- 5'5	- 1'2	- 5'7	
- 2'4	+ 2'2	- 2'8	+ 1'8	- 0'6	+ 3'5	+ 0'5	+ 2'0	- 0'2	+ 2'0	+ 1'1	- 0'2	- 0'5	- 0'3	+ 0'5	- 2'2	- 1'2	- 2'6	- 2'2	- 2'8	- 1'3	- 5'9	+ 0'5	- 3'6	- 0'7	- 0'2	
+ 9'2	- 10'1	+ 10'8	- 8'7	+ 8'4	- 4'3	+ 8'1	- 4'7	+ 7'7	- 2'4	+ 7'4	- 3'7	+ 7'1	- 3'9	+ 5'3	- 4'1	+ 4'2	- 4'6	+ 3'8	- 4'0	+ 3'8	- 4'0	+ 4'3	- 3'7	+ 6'0	- 7'4	
- 8'9	+ 4'8	- 9'5	+ 3'9	- 5'6	+ 5'9	- 6'1	+ 3'7	- 7'1	+ 3'7	- 5'4	+ 2'2	- 6'2	+ 1'7	- 4'6	+ 1'9	- 8'3	+ 2'0	- 7'0	+ 1'7	- 5'7	+ 0'9	- 8'2	+ 3'1	- 6'1	+ 2'8	
- 15'4	- 2'6	- 14'1	- 3'0	- 8'2	- 2'4	- 12'7	- 4'5	- 9'8	- 4'3	- 8'5	- 3'5	- 7'3	- 2'8	- 6'5	- 1'9	- 7'4	- 3'9	- 7'1	- 3'5	- 6'2	- 4'8	- 4'3	- 4'6	- 10'4	- 2'2	
- 5'8	- 0'7	- 6'5	- 0'9	- 3'6	- 3'6	- 1'7	- 4'2	- 1'8	- 2'1	- 2'0	- 2'3	- 2'0	- 4'3	- 1'8	- 4'4	- 2'1	- 4'3	- 1'3	- 3'9	- 0'3	- 3'1	+ 0'1	- 3'0	- 1'6	- 4'2	
- 3'2	- 4'9	- 3'8	- 6'3	- 2'5	- 6'9	- 2'6	- 6'9	- 1'8	- 5'2	- 1'3	- 4'0	- 0'8	- 4'1	- 2'5	- 3'6	- 1'9	- 2'3	+ 0'5	- 3'7	- 0'7	- 3'5	- 0'2	- 4'2	- 1'9	- 3'7	
+ 4'0	- 2'7	+ 4'3	- 2'7	+ 2'8	- 2'8	+ 4'1	- 1'7	+ 2'7	- 0'6	+ 1'4	- 2'8	+ 1'1	- 4'7	+ 1'1	- 4'6	+ 0'8	- 6'0	+ 3'1	- 7'7	+ 3'5	- 8'9	+ 1'1	- 7'6	+ 3'0	- 6'4	
- 9'5	+ 2'9	- 8'1	+ 4'9	- 7'8	+ 4'3	- 5'8	+ 4'9	- 5'4	+ 3'2	- 6'4	+ 2'9	- 4'5	+ 0'7	- 3'8	+ 0'7	- 5'0	+ 0'8	- 5'0	+ 0'5	- 3'9	- 0'6	- 4'2	- 1'6	- 4'2	+ 0'2	
- 9'5	+ 4'5	- 10'1	+ 4'0	- 11'4	+ 4'9	- 10'5	+ 2'9	- 8'6	+ 1'0	- 6'0	+ 1'1	- 5'1	0'0	- 5'1	- 1'2	- 4'3	- 1'0	- 4'0	- 1'1	- 3'3	- 1'3	- 3'0	- 1'6	- 5'7	+ 0'9	
+ 2'0	+ 8'2	+ 1'8	+ 7'4	+ 1'2	+ 6'1	+ 2'9	+ 4'1	+ 0'7	+ 2'8	+ 1'1	+ 1'7	+ 1'7	+ 0'7	+ 1'6	+ 0'9	+ 2'2	- 0'4	+ 2'0	- 0'4	+ 2'0	0'0	+ 2'6	0'0	+ 2'1	+ 0'9	
+ 4'3	- 8'8	+ 3'2	- 7'9	+ 3'0	- 5'6	+ 2'3	- 7'6	+ 1'2	- 6'2	+ 1'0	- 6'3	+ 3'1	- 7'1	+ 2'1	- 5'9	+ 4'7	- 7'3	+ 3'2	- 10'8	+ 2'1	- 10'9	+ 5'1	- 10'4	+ 2'9	- 9'1	
+ 14'3	- 16'4	+ 13'4	- 14'5	+ 7'9	- 13'2	+ 7'1	- 10'6	+ 7'4	- 11'5	+ 2'8	- 11'2	+ 0'7	- 11'2	0'0	- 13'6	- 0'4	- 15'3	0'0	- 14'3	+ 0'7	- 12'2	+ 1'9	- 14'8	+ 5'4	- 13'8	
+ 1'1	- 11'4	+ 1'7	- 10'7	+ 4'0	- 11'1	+ 2'6	- 9'5	+ 0'1	- 7'3	- 0'1	- 8'6	+ 2'1	- 10'3	+ 3'4	- 12'2	+ 2'9	- 11'0	+ 2'2	- 9'4	+ 2'8	- 10'8	+ 3'1	- 8'7	+ 0'8	- 8'1	
+ 2'6	- 8'9	+ 1'6	- 7'5	+ 0'8	- 4'6	+ 0'3	- 4'7	+ 0'5	- 4'3	- 0'1	- 4'1	- 0'2	- 4'2	- 1'1	- 4'3	0'0	- 6'1	- 0'6	- 3'7	- 0'9	- 5'0	- 1'0	- 3'9	+ 1'9	- 7'2	
- 5'3	+ 3'8	- 8'0	+ 3'9	- 8'4	+ 4'0	- 6'4	+ 3'4	- 7'6	+ 2'5	- 4'4	+ 0'5	- 4'0	0'0	- 3'3	- 0'7	- 3'2	- 1'0	- 3'5	- 1'4	- 1'8	- 0'4	- 1'4	+ 0'3	- 5'0	+ 1'1	
- 13'5	- 3'6	- 14'1	- 4'0	- 12'6	- 2'6	- 9'4	- 1'2	- 11'1	- 1'3	- 8'5	- 3'2	- 9'0	- 2'3	- 9'9	- 1'8	- 10'0	- 0'8	- 11'0	- 0'8	- 10'5	- 2'2	- 11'5	+ 0'2	- 9'8	- 1'8	
- 6'0	- 6'9	- 4'6	- 5'3	- 4'5	- 5'1	- 4'2	- 4'5	- 5'0	- 1'6	- 4'6	- 2'5	- 5'0	- 1'1	- 4'2	- 3'1	- 5'2	- 6'0	- 5'2	- 4'5	- 4'1	- 5'9	- 5'0	- 4'4	- 6'6	- 4'1	
- 5'7	+ 17'6	- 5'4	+ 17'1	- 5'3	+ 16'9	- 5'9	+ 16'3	- 4'8	+ 18'1	- 5'9	+ 19'6	- 5'5	+ 19'0	- 6'3	+ 19'7	- 5'3	+ 15'9	- 5'5	+ 18'4	- 8'8	+ 16'7	- 7'7	+ 17'0	- 5'0	+ 16'8	
- 17'7	+ 16'0	- 18'3	+ 15'3	- 16'5	+ 15'2	- 15'2	+ 16'4	- 16'9	+ 17'7	- 18'3	+ 16'0	- 17'7	+ 17'0	- 16'8	+ 17'8	- 16'3	+ 17'4	- 16'2	+ 17'5	- 16'3	+ 17'7	- 15'9	+ 14'2	- 18'1	+ 16'6	
- 21'1	- 0'3	- 16'9	- 1'8	- 18'3	- 1'3	- 17'3	+ 2'4	- 16'2	+ 0'6	- 16'9	+ 2'2	- 17'0	+ 5'0	- 16'9	+ 6'6	- 14'3	+ 7'9	- 15'2	+ 8'4	- 18'0	+ 10'9	- 22'2	+ 6'7	- 19'1	+ 7'4	
- 9'0	- 18'2	- 5'2	- 17'7	- 3'4	- 16'6	- 4'8	- 16'6	- 4'4	- 13'3	- 3'1	- 14'9	- 5'7	- 11'9	- 7'5	- 12'3	- 5'6	- 15'2	- 5'3	- 14'8	- 4'2	- 13'5	- 7'0	- 11'8	- 7'6	- 13'3	
- 12'6	- 15'8	- 12'5	- 16'0	- 11'9	- 12'3	- 12'0	- 10'7	- 7'0	- 6'9	- 9'9	- 8'3	- 8'4	- 9'0	- 9'0	- 6'0	- 6'8	- 6'3	- 6'6	- 6'2	- 7'2	- 8'1	- 7'7	- 6'6	- 10'5	- 9'6	
- 4'6	+ 13'7	- 1'8	+ 15'2	0'0	+ 13'3	- 3'6	+ 13'7	- 3'6	+ 13'7	- 2'9	+ 13'9	0'0	+ 13'7	+ 2'6	+ 10'6	- 0'1	+ 9'3	0'0	+ 5'9	+ 1'4	+ 8'6	0'0	+ 7'8	- 1'6	+ 7'6	
- 8'2	0'0	- 7'8	+ 0'5	- 8'7	+ 0'8	- 9'5	+ 1'9	- 6'2	+ 1'6	- 7'4	0'0	- 7'7	+ 0'8	- 8'2	+ 2'4	- 7'0	- 0'2	- 8'2	- 0'5	- 8'6	- 1'7	- 8'9	- 1'9	- 8'9	+ 0'4	
- 7'4	- 2'3	- 8'8	- 2'1	- 9'5	- 2'0	- 7'2	- 1'8	- 7'1	- 2'4	- 5'9	- 2'2	- 5'5	- 2'5	- 5'7	- 3'2	- 5'3	- 2'7	- 3'4	- 2'3	- 3'5	- 3'0	- 1'8	- 5'0	- 5'2	- 2'7	
- 5'6	- 1'8	- 9'1	- 5'7	- 6'9	- 6'3	- 9'9	- 4'0	- 6'7	- 4'1	- 7'0	- 3'0	- 6'7	- 4'9	- 7'1	- 5'9	- 6'7	- 6'2	- 4'3	- 4'5	- 5'8	- 4'8	- 7'7	- 8'3	- 6'8	- 3'9	
- 10'3	+ 4'4	- 10'2	+ 3'8	- 12'4	+ 2'4	- 13'3	+ 3'0	- 13'4	+ 6'2	- 13'4	+ 6'0	- 16'1	+ 7'1	- 16'2	+ 6'2	- 15'7	+ 6'7	- 17'7	+ 6'3	- 17'9	+ 6'7	- 12'5	+ 5'0	- 11'2	+ 2'8	
- 13'6	+ 4'8	- 13'7	+ 5'0	- 13'4	+ 6'0	- 13'3	+ 5'1	- 12'5	+ 7'5	- 15'1	+ 7'0	- 16'0	+ 5'3	- 16'1	+ 8'8	- 13'4	+ 5'9	- 12'2	+ 2'1	- 11'8	+ 1'4	- 10'4	+ 3'4	- 13'8	+ 5'6	
- 4'2	- 4'4	- 4'5	- 2'5	- 4'5	- 1'6	- 2'7	- 1'8	- 2'3	- 2'8	- 3'3	- 4'3	- 5'1	- 5'2	- 2'2	- 8'1	- 2'9	- 7'2	- 5'4	- 5'7	- 3'9	- 6'2	- 0'8	- 6'6	- 3'4	- 4'4	

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL
 ABERDEEN OBSERVATORY - - LAT. 57° 10' N. LONG. 2° 6' W.

Five-day Periods.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1888. Jan. 1-5	—	in. —	1	in. '005	1	in. '085	2	in. '120	1	in. '045	1	in. '015	2	in. '015	1	in. '015	1	in. '015	1	in. '030	1	in. '045	1	in. '010		
" 6-10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—		
" 11-15	1	'005	1	'005	—	—	—	—	1	'005	—	—	—	—	1	'005	—	—	—	—	—	—	—	—		
" 16-20	—	—	—	—	—	—	—	—	—	—	1	'025	—	—	—	1	'005	1	'020	—	—	—	—	1	'010	
" 21-25	—	—	—	—	—	—	1	'005	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 26-30	—	—	—	—	—	—	—	—	1	'005	1	'040	—	—	1	'030	—	—	—	—	—	—	—	1	'055	
Feb. 31-4	2	'035	1	'005	1	'005	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—		
" 5-9	1	'005	1	'005	1	'005	1	'005	1	'005	1	'005	1	'010	1	'005	—	—	—	—	—	—	—	—		
" 10-14	—	—	1	'005	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 15-19	—	—	—	—	—	—	—	—	—	—	—	—	1	'015	—	—	—	—	—	—	—	—	1	'005		
" 20-24	1	'005	—	—	—	—	—	—	—	—	1	'010	1	'005	—	—	—	—	1	'015	2	'025	1	'010		
" 25-1†	—	—	—	—	1	'010	1	'010	1	'025	—	—	1	'005	—	—	1	'010	1	'005	2	'040	1	'015		
Mar. 2-6	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—		
" 7-11	2	'040	2	'030	2	'040	3	'025	3	'040	3	'025	2	'050	3	'025	2	'025	1	'015	2	'045	2	'040		
" 12-16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—		
" 17-21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 22-26	2	'050	3	'105	3	'085	1	'030	1	'030	2	'010	2	'010	1	'005	1	'015	—	—	—	—	1	'050		
" 27-31	1	'005	2	'010	3	'035	2	'050	1	'010	1	'020	1	'005	1	'005	1	'010	—	—	—	—	—	—		
April 1-5	1	'010	—	—	—	—	2	'020	2	'030	1	'020	2	'050	3	'055	3	'025	1	'005	—	—	1	'015		
" 6-10	2	'035	1	'010	1	'030	1	'020	1	'040	1	'010	—	—	1	'010	—	—	—	—	—	—	1	'005		
" 11-15	1	'010	—	—	2	'025	1	'010	—	—	—	—	1	'005	1	'005	—	—	1	'010	—	—	—	—		
" 16-20	1	'120	1	'075	2	'045	2	'060	1	'095	1	'075	1	'040	1	'005	—	—	—	—	2	'050	2	'175		
" 21-25	—	—	—	—	—	—	2	'010	1	'005	1	'005	1	'010	2	'015	2	'010	1	'005	1	'005	1	'005		
" 26-30	1	'010	—	—	1	'010	2	'010	—	—	—	—	—	—	—	—	—	1	'005	—	—	1	'005			
May 1-5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'030	1	'035	1	'005	2	'025	2	'045		
" 6-10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—		
" 11-15	—	—	—	—	—	—	—	—	1	'010	—	—	1	'015	—	—	1	'015	1	'010	—	—	—	—		
" 16-20	3	'020	1	'040	1	'070	1	'020	1	'015	2	'050	1	'055	—	—	—	—	—	—	—	—	—	—		
" 21-25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 26-30	1	'020	1	'055	1	'060	1	'080	1	'105	1	'045	—	—	—	—	1	'005	—	—	1	'010	—	—		
June 31-4	2	'040	3	'025	2	'035	2	'050	1	'020	1	'055	1	'130	1	'035	2	'140	2	'245	1	'335	2	'335		
" 5-9	1	'005	1	'005	1	'040	1	'015	—	—	1	'005	—	—	1	'010	—	—	—	—	—	—	—	—		
" 10-14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 15-19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 20-24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 25-29	1	'005	1	'005	1	'015	1	'005	1	'010	1	'005	1	'010	1	'005	1	'010	1	'005	1	'020	1	'005		

NOTE.—In estimating the number of DAYS on which Rain fell, those on
 * This total exceeds the sum of the hourly totals by an amount of rain which was measured.

AMOUNTS of RAINFALL registered therein, for FIVE-DAY PERIODS.

Rain-gauge, 2 feet above Ground ; 48 feet above Mean Sea Level.

P.M.																							Midt.		Totals for the Five Days.	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Days (see Note).	Amount.	
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.			
—	in.	1	in. '005	1	in. '010	—	in.	—	in.	1	in. '045	1	in. '025	1	in. '005	2	in. '010	2	in. '015	1	in. '005	1	in. '005	4	ins. '650°	
—	—	—	—	—	—	—	—	1	'010	1	'020	1	'030	—	—	—	—	—	—	—	—	—	—	1	'065	
—	—	—	—	1	'005	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	4	'055°	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	'500°	
1	'035	1	'075	2	'070	2	'040	2	'010	2	'025	—	—	1	'005	1	'020	1	'005	—	—	—	—	4	'000°	
1	'025	—	—	—	—	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9	'000°		
1	'005	1	'070	1	'085	—	—	—	—	1	'030	1	'035	1	'025	1	'015	—	—	—	—	—	—	4	'225	
1	'005	1	'010	1	'020	2	'030	2	'030	1	'035	1	'010	1	'005	2	'010	1	'005	2	'015	1	'005	4	'235	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10	'1245°		
1	'015	—	—	1	'005	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	'150°	
1	'025	1	'005	1	'015	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	3	'150°		
2	'015	1	'005	—	—	1	'005	1	'005	—	—	—	—	—	—	—	1	'010	1	'005	1	'020	3	'225°		
1	'005	—	—	—	—	—	—	2	'015	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	2	'075°	
2	'045	2	'030	3	'055	2	'060	3	'070	3	'085	2	'030	2	'045	2	'060	2	'085	2	'040	2	'055	8	'1385°	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'140	
2	'030	2	'100	2	'110	4	'065	2	'040	3	'055	2	'085	2	'070	2	'030	2	'020	2	'055	2	'025	10	'1895°	
1	'005	—	—	1	'025	1	'010	1	'005	1	'060	1	'040	1	'030	1	'070	2	'070	2	'030	2	'040	3	'070	
1	'010	—	—	1	'005	—	—	—	—	1	'005	1	'015	1	'010	3	'015	1	'005	1	'015	2	'015	5	'390°	
—	—	1	'005	—	—	—	—	—	—	1	'010	1	'020	—	—	1	'010	2	'020	2	'035	2	'035	3	'295	
—	—	1	'005	—	—	1	'010	2	'055	1	'015	2	'015	2	'060	4	'045	2	'025	2	'070	2	'145	5	'510	
2	'040	1	'005	—	—	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	'795	
2	'015	1	'005	—	—	2	'010	1	'015	1	'010	2	'040	1	'005	1	'005	—	—	—	—	—	—	3	'175	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'010	—	—	1	'020	2	'070		
2	'020	1	'005	1	'005	—	—	1	'015	1	'015	—	—	1	'015	1	'010	2	'015	—	—	—	—	3	'240	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	1	'010	
—	—	—	—	—	—	—	—	1	'005	—	—	1	'005	—	—	1	'010	2	'010	—	—	—	—	3	'080	
—	—	—	—	—	—	—	—	—	—	1	'015	1	'005	1	'015	1	'015	2	'035	2	'070	1	'035	4	'460	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1	'010	—	—	—	—	—	—	—	—	—	—	—	—	1	'015	—	—	1	'005	—	—	1	'005	2	'415	
2	'065	2	'020	2	'090	2	'050	2	'105	2	'050	2	'025	2	'045	1	'020	1	'045	2	'050	2	'065	5	2'075	
—	—	—	—	—	—	—	—	1	'020	1	'010	1	'010	1	'040	1	'140	2	'105	2	'120	1	'025	3	'550	
—	—	—	—	—	—	1	'005	1	'030	1	'015	1	'005	—	—	1	'030	1	'015	1	'005	1	'010	1	'115	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'100	

which a fall of less than 0.01 in. was measured have been disregarded.
but which, owing to the failure of the trace, could not be allocated to the hours at which it fell

† Six-day period.

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL

Five-day Periods.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1888. July 30-4	2	in. '060	2	in. '125	2	in. '190	2	in. '125	2	in. '170	2	in. '100	2	in. '090	1	in. '070	2	in. '100	1	in. '085	1	in. '070	1	in. '050		
" 5-9	—	—	—	—	—	—	—	—	—	—	1	'025	—	—	—	—	—	—	1	'065	—	—	—	—		
" 10-14	2	'040	1	'030	2	'030	1	'035	2	'010	1	'005	2	'020	1	'005	1	'010	1	'075	1	'080	2	'055		
" 15-19	1	'030	1	'020	2	'020	2	'030	1	'005	1	'010	1	'080	1	'285	1	'090	2	'030	1	'010	2	'015		
" 20-24	1	'005	1	'045	2	'010	1	'040	1	'010	1	'025	1	'045	1	'050	1	'165	1	'155	1	'090	1	'005		
" 25-29	1	'005	1	'005	1	'015	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Aug. 30-3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'015		
" 4-8	1	'085	2	'010	—	—	—	—	1	'005	1	'005	1	'010	1	'025	2	'010	—	—	—	—	—	—		
" 9-13	—	—	—	—	1	'020	1	'050	1	'050	1	'005	—	—	—	—	—	—	1	'005	—	—	—	—		
" 14-18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 19-23	1	'060	1	'070	1	'055	1	'040	1	'045	2	'020	2	'030	2	'030	2	'025	2	'025	—	—	—	—		
" 24-28	1	'035	2	'025	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Sept. 29-2	—	—	—	—	—	—	—	—	—	—	—	—	1	'015	1	'040	1	'015	1	'100	1	'095	—	—		
" 3-7	1	'045	1	'045	2	'025	1	'030	1	'030	1	'010	2	'010	1	'010	1	'015	—	—	—	—	—	—		
" 8-12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 13-17	—	—	—	—	—	—	1	'005	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 18-22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 23-27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	1	'025	1	'020	—		
Oct. 28-2	1	'005	1	'010	2	'010	2	'025	2	'055	2	'040	2	'040	3	'050	3	'175	2	'045	2	'030	1	'020		
" 3-7	1	'015	2	'020	2	'025	1	'005	1	'005	1	'005	1	'010	2	'040	3	'105	2	'100	—	—	—	—		
" 8-12	—	—	—	—	1	'005	—	—	1	'005	1	'005	1	'005	—	—	—	—	1	'005	—	—	—	—		
" 13-17	—	—	—	—	1	'005	—	—	—	—	1	'005	2	'035	1	'005	—	—	—	—	—	—	—	—		
" 18-22	1	'015	1	'010	1	'005	1	'040	1	'005	—	—	—	—	—	—	1	'005	1	'005	—	—	—	—		
" 23-27	—	—	1	'005	2	'025	3	'050	2	'010	1	'045	2	'060	1	'020	1	'005	1	'040	—	—	—	—		
Nov. 28-1	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	1	'020		
" 2-6	1	'010	1	'010	2	'015	2	'010	2	'030	2	'030	1	'005	1	'030	—	—	1	'005	—	—	—	—		
" 7-11	2	'020	2	'010	—	—	3	'015	1	'070	1	'065	1	'020	—	—	—	—	—	—	—	—	—	—		
" 12-16	—	—	—	—	—	—	3	'090	4	'080	4	'075	2	'085	1	'130	2	'165	2	'135	2	'260	2	'090		
" 17-21	1	'005	1	'010	1	'090	1	'010	—	—	—	—	—	—	—	—	1	'020	2	'045	1	'005	1	'005		
" 22-26	3	'050	2	'060	1	'050	2	'080	1	'065	1	'005	2	'010	—	—	—	—	—	—	—	—	—	—		
Dec. 27-1	3	'040	2	'080	1	'030	—	—	—	—	—	—	1	'015	2	'015	—	—	—	—	—	—	—	—		
" 2-6	1	'010	—	—	—	—	—	—	1	'005	—	—	1	'005	2	'010	2	'020	1	'010	1	'005	1	'010		
" 7-11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 12-16	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	—	—	—	—	—	—	—	—	—	—		
" 17-21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—		
" 22-26	—	—	—	—	2	'010	1	'065	1	'045	2	'025	1	'010	1	'005	1	'005	1	'075	1	'045	1	'045		
" 27-31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'015	1	'005	—	—	1	'010		

NOTE.—In estimating the number of DAYS on which Rain fell, those on
 * This total exceeds the sum of the hourly totals by an amount of rain which was measured,

AMOUNTS of RAINFALL registered therein, for FIVE-DAY PERIODS—*continued.*

P.M.																								Midt.		Totals for the Five Days.	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Days (see Note).	Amount.		
1	in. '050	1	in. '030	1	in. '040	1	in. '015	1	in. '005	2	in. '015	2	in. '040	2	in. '100	2	in. '170	2	in. '180	2	in. '135	2	in. '170	3	ins. 2'185		
—	—	—	—	—	—	1	'002	—	—	—	—	1	'003	—	—	—	—	1	'005	—	—	—	—	1	'100		
2	'120	2	'090	1	'005	—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	2	'010	2	'025	3	'655		
1	'010	—	—	—	—	—	—	1	'005	1	'035	1	'015	1	'005	1	'005	1	'020	2	'075	2	'075	3	'870		
—	—	—	—	1	'010	1	'005	—	—	1	'005	2	'050	1	'010	1	'005	1	'010	—	—	—	—	4	'740		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'025		
1	'040	1	'005	3	'075	3	'135	2	'150	2	'065	1	'020	—	—	—	—	1	'010	—	—	—	—	4	'505		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'150		
2	'015	1	'005	—	—	2	'025	1	'010	1	'010	—	—	1	'005	1	'035	1	'005	2	'015	—	—	4	'255		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
—	—	—	—	1	'030	1	'020	—	—	—	—	1	'010	—	—	—	—	—	—	—	—	2	'045	4	'855*		
—	—	—	—	1	'005	—	—	1	'005	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	2	'075		
—	—	1	'010	1	'050	2	'090	2	'025	3	'060	2	'055	1	'025	—	—	3	'070	1	'005	1	'015	4	'670		
—	—	—	—	—	—	—	—	—	—	1	'020	—	—	—	—	—	—	3	'015	—	—	—	—	3	'255		
—	—	1	'010	1	'140	1	'080	1	'005	1	'025	—	—	—	—	—	—	—	—	—	—	—	—	1	'260		
1	'010	1	'065	1	'035	1	'010	1	'010	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	1	'145		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
1	'010	—	—	—	—	—	—	1	'025	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	1	'095		
2	'035	1	'005	1	'020	2	'060	3	'065	3	'045	1	'010	3	'110	3	'110	3	'070	2	'030	2	'010	5	1'075		
1	'010	1	'015	2	'010	2	'015	1	'015	1	'005	—	—	—	—	1	'050	—	—	2	'020	1	'040	4	'510		
—	—	—	—	—	—	—	—	—	—	1	'050	1	'030	—	—	1	'005	1	'010	1	'020	—	—	3	'140		
—	—	—	—	1	'020	2	'020	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'100		
—	—	—	—	—	—	—	—	2	'010	1	'005	—	—	—	—	—	1	'005	1	'025	1	'005	2	'135			
—	—	—	—	—	—	—	—	1	'015	1	'005	—	—	—	—	—	2	'010	1	'035	1	'010	3	'335			
1	'070	1	'010	—	—	1	'010	1	'010	3	'075	—	—	—	—	—	2	'010	1	'010	—	—	—	3	'220		
—	—	—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	1	'010	—	—	2	'015	2	'035	4	'215		
—	—	—	—	—	—	1	'005	1	'005	1	'005	1	'020	1	'015	1	'015	1	'005	1	'005	1	'020	3	'295		
1	'090	2	'120	1	'060	1	'090	1	'020	—	—	1	'040	1	'050	1	'025	—	—	—	—	1	'015	5	1'620		
—	—	1	'035	1	'030	1	'050	1	'100	1	'010	2	'025	—	—	1	'030	1	'015	1	'015	1	'015	4	'515		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	2	'045	1	'055	2	'040	3	'465		
—	—	—	—	—	—	1	'010	2	'105	2	'090	2	'060	1	'050	1	'015	1	'025	1	'060	2	'035	5	'630		
1	'015	1	'005	1	'075	1	'035	1	'155	2	'045	3	'030	2	'010	—	—	—	—	—	—	—	—	4	'445		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'010		
—	—	—	—	—	—	1	'010	1	'025	1	'025	1	'020	2	'030	2	'055	2	'035	2	'065	2	'035	2	'305		
1	'010	—	—	—	—	1	'010	—	—	—	—	1	'015	1	'110	1	'060	3	'060	2	'035	1	'020	4	'650		
—	—	1	'010	1	'005	1	'020	1	'060	1	'020	1	'020	—	—	—	—	—	—	—	—	—	—	3	'165		

which a fall of less than 0'01 in. was measured have been disregarded, but which, owing to the failure of the trace, could not be allocated to the hours at which it fell.

ABERDEEN OBSERVATORY

TABLE VI.—HOURLY and DAILY MEANS of
Barometer Cistern, 88 feet

1888.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	ins. 29'986	ins. 29'980	ins. 29'974	ins. 29'972	ins. 29'968	ins. 29'965	ins. 29'964	ins. 29'968	ins. 29'973	ins. 29'980	ins. 29'989	ins. 29'993	ins. 29'990
Feb. -	29'921	29'921	29'920	29'920	29'920	29'923	29'928	29'935	29'943	29'949	29'956	29'959	29'956
March	29'569	29'563	29'558	29'552	29'549	29'546	29'545	29'548	29'551	29'554	29'556	29'559	29'559
April -	29'790	29'782	29'777	29'770	29'766	29'765	29'769	29'773	29'776	29'777	29'779	29'777	29'777
May -	29'834	29'828	29'824	29'817	29'815	29'815	29'817	29'818	29'822	29'823	29'827	29'828	29'831
June -	29'906	29'902	29'900	29'896	29'896	29'897	29'900	29'902	29'906	29'905	29'907	29'904	29'905
July -	29'659	29'653	29'650	29'645	29'644	29'642	29'644	29'645	29'646	29'644	29'646	29'647	29'646
August	29'785	29'781	29'779	29'776	29'774	29'777	29'778	29'782	29'784	29'783	29'786	29'786	29'785
Sept. -	30'040	30'037	30'033	30'026	30'022	30'021	30'022	30'027	30'033	30'034	30'033	30'031	30'030
Oct. -	29'798	29'795	29'794	29'786	29'784	29'782	29'782	29'786	29'792	29'792	29'795	29'795	29'791
Nov. -	29'607	29'598	29'591	29'581	29'571	29'563	29'565	29'564	29'569	29'565	29'563	29'561	29'555
Dec. -	29'674	29'673	29'679	29'679	29'679	29'678	29'681	29'684	29'691	29'695	29'699	29'695	29'689
Year -	29'797	29'793	29'790	29'785	29'782	29'781	29'783	29'786	29'791	29'792	29'795	29'795	29'793

TABLE VII.—HOURLY and DAILY MEANS of
Thermometer, 41

1888.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	38'3	38'2	37'9	37'7	37'9	37'5	37'4	37'7	37'8	38'0	38'4	39'0	40'0
Feb. -	35'6	35'3	35'0	34'8	34'5	34'3	34'4	34'2	34'3	34'5	35'3	36'0	36'8
March	34'9	34'8	34'7	34'6	34'3	34'1	34'1	34'4	34'9	35'9	37'0	38'1	38'4
April -	39'1	38'8	38'6	38'7	38'5	38'2	38'5	39'7	40'8	42'4	43'4	43'9	44'5
May -	44'0	43'4	43'0	42'5	42'2	42'0	44'7	46'5	47'2	48'0	49'0	49'6	49'9
June -	46'1	45'3	45'0	44'5	44'4	45'8	47'1	48'5	49'1	50'1	50'4	51'2	51'4
July -	49'4	49'1	48'8	48'8	48'7	49'2	50'5	51'6	52'7	53'3	53'6	54'5	54'6
August	50'8	50'2	49'5	49'1	48'7	48'8	50'0	51'7	53'2	54'7	55'5	56'4	56'7
Sept. -	48'7	48'3	47'8	47'5	47'0	46'5	46'4	47'5	49'2	51'6	53'1	54'4	55'2
Oct. -	45'8	45'6	45'3	45'5	45'3	45'2	45'3	45'3	46'2	47'2	48'1	49'2	50'1
Nov. -	42'5	42'4	42'4	42'6	42'7	42'9	42'9	43'3	43'6	44'1	44'7	45'2	45'5
Dec. -	40'9	40'6	40'5	40'3	40'1	40'1	40'4	40'4	40'3	40'4	40'7	41'6	42'2
Year -	43'0	42'7	42'4	42'2	42'0	42'1	42'6	43'4	44'1	45'0	45'8	46'6	47'1

TABLE VIII.—HOURLY and DAILY MEAN DIFFERENCE between the DRY-BULB

1888.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	2'2	2'2	2'0	2'0	2'0	1'8	1'8	1'8	1'8	1'9	2'0	2'0	2'4
Feb. -	2'2	2'2	2'1	2'1	2'0	2'0	2'1	2'0	2'1	2'2	2'3	2'4	2'7
March	1'9	1'8	1'8	1'9	1'7	1'7	1'7	1'8	2'0	2'2	2'6	3'1	3'1
April -	1'9	1'9	1'8	1'9	1'9	1'9	1'9	2'2	2'6	3'1	3'5	3'6	4'0
May -	2'4	2'3	2'2	2'0	2'0	1'9	2'5	3'2	3'7	3'9	4'5	4'8	4'9
June -	1'8	1'6	1'7	1'5	1'5	1'8	2'2	2'6	2'9	3'2	3'2	3'4	3'7
July -	1'6	1'6	1'5	1'6	1'5	1'7	2'0	2'3	2'9	3'3	3'3	3'8	3'8
August	2'0	1'9	1'7	1'7	1'7	1'6	2'0	2'5	3'0	3'7	4'1	4'5	4'6
Sept. -	1'8	1'7	1'7	1'7	1'5	1'4	1'6	1'7	2'3	2'8	3'6	4'1	4'4
Oct. -	1'9	1'8	1'7	1'7	1'7	1'7	1'9	1'7	2'0	2'2	2'5	2'9	3'5
Nov. -	2'6	2'5	2'4	2'5	2'5	2'6	2'5	2'9	3'0	3'0	3'4	3'3	3'4
Dec. -	1'8	1'8	1'8	1'6	1'6	1'7	1'8	1'7	1'7	1'7	1'7	2'0	2'1
Year -	2'0	1'9	1'9	1'9	1'8	1'8	2'0	2'2	2'5	2'8	3'1	3'3	3'6

LAT. 57° 10' N. LONG. 2° 6' W.

PRESSURE for each CALENDAR MONTH and for the YEAR.
above Mean Sea Level.

P.M.											Midt.	Daily Means (Month).	1888.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
ins. 29°984	ins. 29°980	ins. 29°976	ins. 29°980	ins. 29°982	ins. 29°986	ins. 29°993	ins. 29°994	ins. 29°995	ins. 29°995	ins. 29°993	ins. 29°991	ins. 29°982	Jan.
29°951	29°945	29°937	29°937	29°935	29°939	29°941	29°939	29°940	29°940	29°941	29°943	29°938	Feb.
29°553	29°550	29°547	29°548	29°548	29°554	29°559	29°562	29°563	29°562	29°557	29°552	29°555	March.
29°776	29°773	29°771	29°771	29°771	29°775	29°779	29°784	29°781	29°777	29°773	29°768	29°775	April.
29°830	29°830	29°828	29°828	29°827	29°829	29°833	29°843	29°846	29°850	29°847	29°845	29°829	May.
29°901	29°901	29°899	29°898	29°895	29°900	29°901	29°903	29°910	29°914	29°913	29°913	29°903	June.
29°646	29°647	29°646	29°646	29°644	29°647	29°649	29°654	29°658	29°661	29°659	29°658	29°649	July.
29°784	29°787	29°783	29°783	29°782	29°783	29°787	29°794	29°794	29°796	29°794	29°793	29°785	August.
30°024	30°020	30°014	30°012	30°012	30°015	30°021	30°025	30°025	30°027	30°025	30°023	30°025	Sept.
29°787	29°787	29°784	29°788	29°789	29°796	29°795	29°797	29°796	29°795	29°794	29°795	29°791	Oct.
29°554	29°565	29°568	29°581	29°589	29°602	29°604	29°608	29°610	29°612	29°608	29°606	29°582	Nov.
29°681	29°674	29°668	29°670	29°670	29°672	29°669	29°675	29°674	29°677	29°679	29°685	29°680	Dec.
29°789	29°788	29°785	29°787	29°787	29°792	29°794	29°798	29°799	29°801	29°799	29°798	29°791	Year.

TEMPERATURE for each CALENDAR MONTH and for the YEAR.
feet above Ground.

P.M.											Midt.	Daily Means (Month).	1888.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
40°6	40°7	40°5	40°3	39°8	39°6	39°1	38°5	38°5	38°4	38°4	38°4	38°7	Jan.
37°6	37°7	37°7	37°3	36°5	35°9	35°7	35°7	35°5	35°6	35°6	35°7	35°7	Feb.
38°9	38°5	38°3	37°9	37°4	36°8	36°2	35°6	35°5	35°2	35°1	34°8	36°0	March.
44°5	44°9	44°4	44°2	43°6	43°1	42°0	41°2	40°4	40°2	39°7	39°4	41°3	April.
50°1	50°2	50°2	49°6	49°6	48°7	48°1	46°8	45°7	45°0	44°4	44°0	46°6	May.
52°1	51°5	51°3	51°1	51°2	50°8	50°1	49°0	47°9	47°4	47°0	46°2	48°6	June.
55°0	54°7	54°9	54°5	54°5	53°7	53°2	52°3	51°1	50°3	49°8	49°4	51°9	July.
57°1	57°0	56°6	56°1	55°5	54°8	54°1	53°1	52°3	51°7	51°3	50°7	53°0	August.
55°6	55°2	55°0	54°2	53°5	52°4	51°4	50°5	49°8	49°3	48°7	48°4	50°7	Sept.
50°1	50°0	49°9	49°2	48°2	47°3	46°7	46°6	46°3	46°0	46°1	45°9	47°1	Oct.
46°0	45°5	45°0	44°4	43°9	43°5	43°4	43°3	43°1	42°8	42°7	42°5	43°6	Nov.
42°8	42°9	42°6	42°3	42°0	41°8	41°7	41°6	41°4	41°0	40°9	40°9	41°2	Dec.
47°5	47°4	47°2	46°8	46°3	45°7	45°1	44°5	44°0	43°6	43°3	43°0	44°5	Year.

and WET-BULB THERMOMETERS, for each CALENDAR MONTH and for the YEAR.

P.M.											Midt.	Daily Means (Month).	1888.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
2°4	2°3	2°2	2°2	2°1	2°1	1°9	1°9	1°9	2°0	2°1	2°2	2°0	Jan.
3°0	2°9	3°0	2°7	2°5	2°2	2°1	2°2	2°	2°1	2°2	2°2	2°3	Feb.
3°4	3°0	2°9	2°8	2°6	2°5	2°4	2°1	2°1	2°0	2°1	1°9	2°3	March.
3°9	4°1	3°9	3°8	3°6	3°5	2°9	2°6	2°3	2°2	2°0	1°9	2°8	April.
5°0	5°1	5°1	4°9	4°9	4°4	4°1	3°5	3°1	2°7	2°6	2°5	3°5	May.
4°0	3°9	3°5	3°6	3°7	3°7	3°3	2°9	2°3	2°1	1°9	1°8	2°7	June.
3°9	3°8	3°8	3°7	4°0	3°6	3°2	2°7	2°1	1°7	1°4	1°4	2°6	July.
4°6	4°6	4°1	4°0	3°6	3°4	2°9	2°5	2°1	2°1	2°1	1°9	2°9	August.
4°5	4°5	4°2	3°9	3°5	2°8	2°4	2°2	2°0	1°8	1°7	1°8	2°6	Sept.
3°5	3°3	3°3	2°9	2°5	2°2	2°0	2°2	2°0	2°0	2°0	1°9	2°3	Oct.
3°8	3°7	3°7	3°5	3°2	3°2	3°1	3°2	3°0	2°8	2°9	2°5	3°0	Nov.
2°2	2°2	2°2	2°1	2°0	1°9	1°8	1°8	1°8	1°7	1°7	1°8	1°8	Dec.
3°7	3°6	3°5	3°3	3°2	3°0	2°7	2°5	2°2	2°1	2°1	2°0	2°6	Year.

ABERDEEN OBSERVATORY

TABLE IX.—MEAN HOURLY and DAILY WIND

1888.	A.M.																						Noon.																									
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.																									
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.																								
January	-	4'1	-	3'9	-	4'0	-	3'6	-	3'7	-	4'6	-	3'9	-	4'2	-	2'9	-	4'6	-	2'9	-	3'4	-	3'3	-	3'8	-	3'6	-	4'5	-	3'1	-	3'5	-	2'6	-	3'7	-	2'8	-	3'9				
February	+	4'3	+	2'9	+	4'2	+	2'8	+	3'2	+	2'5	+	2'7	+	2'6	+	3'8	+	3'2	+	0'9	+	3'4	+	2'0	+	2'1	+	2'0	+	2'5	+	2'4	+	3'6	+	2'1	+	3'6	+	2'4	+	3'5	+	2'6		
March	+	1'7	+	3'4	+	1'8	+	4'7	+	2'1	+	3'5	+	2'5	+	3'4	+	1'7	+	2'9	+	0'6	+	2'4	+	1'2	+	1'9	+	1'2	+	1'1	+	1'9	+	1'3	+	2'3	+	1'8	+	2'1	+	2'3	+	1'6	+	3'9
April	+	2'6	+	2'9	+	2'6	+	2'8	+	2'5	+	2'6	+	2'6	+	1'0	+	3'7	+	1'7	+	3'6	+	1'4	+	3'7	+	1'6	+	3'1	+	2'1	+	4'0	+	1'7	+	3'8	+	0'4	+	2'4	+	0'7	+	4'4	+	0'6
May	-	3'2	-	5'2	-	3'0	-	5'1	-	2'2	-	4'3	-	3'1	-	3'5	-	2'7	-	2'1	-	2'5	-	4'2	-	2'1	-	4'9	-	1'1	-	3'8	-	0'1	-	5'2	-	0'5	-	4'8	-	0'4	-	4'8	-	1'1	-	3'9
June	+	4'4	+	2'2	+	3'9	+	2'7	+	4'0	+	2'9	+	4'0	+	2'4	+	3'4	+	2'6	+	3'5	+	3'1	+	4'1	+	1'8	+	4'0	+	0'3	+	4'3	+	1'4	+	4'1	+	3'3	+	3'5	+	3'8	+	3'4	+	3'4
July	+	4'3	+	1'9	+	4'2	+	2'2	+	4'8	+	1'8	+	5'0	+	1'3	+	5'2	+	1'1	+	5'1	+	1'5	+	5'1	+	0'8	+	5'5	+	0'1	+	5'3	+	0'9	+	5'4	+	1'5	+	4'4	+	2'2	+	3'9	+	2'0
August	-	1'0	-	2'6	-	1'2	-	2'5	-	2'2	-	3'5	-	2'2	-	3'1	-	1'9	-	2'1	-	2'8	-	2'7	-	1'9	-	3'7	-	2'1	-	4'8	-	2'0	-	3'1	-	3'1	-	2'6	-	3'0	-	2'1	-	3'6	-	2'3
September	+	0'7	+	3'7	+	0'8	+	3'3	+	0'4	+	3'8	+	0'2	+	3'8	+	0'3	+	3'6	+	0'0	+	4'2	+	0'9	+	4'3	+	0'3	+	4'3	+	0'7	+	3'6	+	0'8	+	2'9	+	1'8	+	1'6	+	2'4	+	0'1
October	-	1'9	-	5'5	-	1'5	-	5'9	-	1'0	-	5'2	-	2'1	-	4'8	-	2'4	-	5'8	-	3'3	-	5'7	-	3'4	-	4'8	-	3'2	-	6'1	-	2'8	-	7'0	-	2'2	-	7'5	-	2'7	-	7'5	-	1'6	-	8'3
November	-	9'6	+	5'8	-	10'2	+	3'5	-	10'1	+	3'3	-	10'2	+	3'7	-	10'4	+	3'3	-	10'5	+	3'5	-	11'0	+	5'1	-	11'1	+	4'5	-	12'6	+	5'5	-	12'6	+	4'4	-	11'7	+	4'8	-	11'6	+	3'8
December	-	7'7	-	2'3	-	7'3	-	1'9	-	8'3	-	0'7	-	6'8	-	0'7	-	7'1	-	0'1	-	7'6	-	0'1	-	7'0	-	0'1	-	7'8	-	0'2	-	7'4	-	0'1	-	7'2	-	0'1	-	8'8	-	0'2	-	8'9	-	0'1
Year	-	0'8	-	2'2	-	0'8	-	2'1	-	0'9	-	2'1	-	0'9	-	1'8	-	0'9	-	1'7	-	1'1	-	1'9	-	1'0	-	1'7	-	1'0	-	1'8	-	0'9	-	1'5	-	0'9	-	1'0	-	1'3	-	0'7	-	1'3	-	0'6

TABLE X.—NUMBER of HOURS in which RAIN fell, and the

Rain-gauge 2 feet above Ground ;

1883.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.
January	1	in. '005	2	in. '010	1	in. '085	3	in. '125	4	in. '065	3	in. '080	2	in. '015	4	in. '055	3	in. '040	1	in. '050	1	in. '045	3	in. '075
February	4	'045	3	'015	3	'020	3	'020	2	'030	3	'020	4	'035	1	'005	1	'010	2	'020	4	'065	3	'030
March	5	'095	7	'145	8	'160	6	'105	5	'080	6	'055	6	'070	5	'105	4	'050	2	'020	2	'045	3	'090
April	6	'185	2	'085	6	'110	10	'130	5	'170	4	'110	5	'105	8	'090	5	'035	4	'025	3	'055	6	'205
May	4	'040	3	'100	3	'135	3	'105	3	'130	3	'095	2	'070	1	'030	4	'060	2	'015	3	'035	3	'055
June	4	'050	4	'030	3	'085	3	'065	2	'050	3	'065	2	'140	3	'050	3	'150	3	'250	2	'355	2	'330
July	7	'140	6	'225	9	'265	6	'230	6	'195	6	'165	6	'235	4	'410	5	'365	6	'410	4	'250	6	'125
August	3	'180	5	'105	2	'075	2	'090	3	'100	4	'030	3	'040	3	'055	4	'035	3	'030	—	—	1	'015
September	2	'050	2	'055	4	'035	4	'060	3	'075	2	'030	4	'060	3	'055	3	'070	3	'115	3	'125	1	'020
October	2	'030	4	'035	7	'065	5	'095	6	'040	5	'080	8	'120	6	'110	7	'250	6	'190	1	'025	1	'020
November	9	'110	8	'170	5	'185	11	'205	8	'245	8	'175	7	'135	3	'170	3	'185	5	'185	3	'265	4	'115
December	2	'025	—	—	2	'010	1	'065	2	'050	2	'025	3	'025	4	'020	5	'045	3	'090	2	'050	3	'065
Year	49	'955	46	'975	53	'1'230	57	'1'295	49	'1'210	49	'930	52	'1'050	45	'1'155	47	'1'295	40	'1'350	28	'1'315	36	'1'145

NOTE.—In estimating the number of DAYS on which Rain fell, those on which
 * This total exceeds the sum of the hourly totals by an amount of rain which was measured,

LAT. 57° 10' N. LONG. 2° 6' W.

COMPONENTS for each CALENDAR MONTH and for the YEAR.

P.M.																							Midt.		Daily Means (Month).		1888.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.		
- 3'6	- 3'9	- 4'1	- 3'3	- 3'5	- 3'5	- 1'9	- 3'2	- 2'0	- 3'9	- 2'5	- 5'4	- 1'9	- 3'6	- 2'7	- 3'1	- 2'5	- 3'4	- 2'8	- 3'7	- 2'7	- 3'4	- 3'2	- 4'4	- 3'1	- 3'9	January.	
+ 4'8	- 2'9	+ 3'0	- 2'6	+ 3'2	- 3'0	+ 3'3	- 2'4	+ 2'5	- 3'6	+ 1'6	- 3'5	+ 2'3	- 2'0	+ 1'9	- 4'0	+ 2'6	- 3'6	+ 2'0	- 2'4	+ 2'9	- 2'3	+ 3'0	- 1'6	+ 3'1	- 2'6	February.	
+ 1'7	+ 4'0	+ 2'4	+ 4'3	+ 2'6	+ 5'7	+ 2'9	+ 5'7	+ 3'2	+ 5'0	+ 2'1	+ 5'3	+ 2'8	+ 4'4	+ 2'5	+ 5'0	+ 2'4	+ 4'6	+ 2'3	+ 4'5	+ 1'8	+ 3'5	+ 1'3	+ 3'5	+ 2'6	+ 3'7	March.	
+ 2'7	+ 0'7	+ 2'6	+ 1'1	+ 3'1	+ 1'7	+ 1'3	+ 1'4	+ 2'0	+ 1'5	+ 1'6	+ 0'8	+ 0'4	- 0'2	+ 0'4	- 1'2	+ 1'3	- 1'8	+ 1'8	- 2'2	+ 1'7	- 1'5	+ 1'3	- 1'7	+ 2'5	- 0'7	April.	
- 0'1	- 3'3	- 1'3	- 2'9	- 1'2	- 2'7	- 1'5	- 2'4	- 1'3	- 2'5	- 1'1	- 3'5	- 0'7	- 3'3	- 0'8	- 2'6	- 1'4	- 2'7	- 2'2	- 2'9	- 2'2	- 4'4	- 1'2	- 5'4	- 1'5	- 3'8	May.	
+ 3'6	+ 4'1	+ 3'8	+ 5'1	+ 3'4	+ 3'8	+ 4'3	+ 4'1	+ 4'5	+ 4'0	+ 4'0	+ 3'2	+ 4'3	+ 2'1	+ 4'2	+ 1'4	+ 3'8	+ 0'6	+ 4'3	+ 0'5	+ 4'0	- 0'8	+ 4'2	- 1'9	+ 4'0	+ 0'8	June.	
+ 3'5	+ 2'1	+ 3'2	+ 2'1	+ 2'9	+ 2'2	+ 3'1	+ 2'0	+ 2'8	+ 2'3	+ 2'5	+ 0'7	+ 3'0	0'0	+ 3'1	+ 0'2	+ 3'8	- 0'5	+ 3'7	- 0'6	+ 3'3	- 1'6	+ 4'0	- 1'3	+ 4'0	+ 0'2	July.	
- 4'1	- 1'6	- 3'7	- 1'8	- 1'9	- 0'6	- 3'1	- 1'6	- 3'0	- 0'8	- 2'4	- 1'8	- 2'5	- 2'0	- 2'0	- 2'8	- 2'8	- 2'9	- 2'3	- 2'9	- 1'4	- 3'3	- 1'3	- 2'6	- 2'4	- 2'5	August.	
- 2'6	+ 0'2	- 2'8	+ 0'5	- 3'0	+ 0'1	- 2'4	- 0'8	- 2'2	- 1'0	- 1'9	- 1'2	- 1'1	- 2'3	- 1'4	- 2'2	- 1'0	- 2'7	- 0'5	- 3'2	- 0'4	- 3'4	- 0'2	- 3'5	- 1'0	- 2'4	September.	
- 1'7	- 7'7	- 2'4	- 6'7	- 2'9	- 5'6	- 2'1	- 4'5	- 3'1	- 3'8	- 2'9	- 4'8	- 2'9	- 5'0	- 3'0	- 6'0	- 3'1	- 6'7	- 3'2	- 6'3	- 2'6	- 6'7	- 2'4	- 5'8	- 2'5	- 6'0	October.	
- 10'7	+ 2'5	- 8'8	+ 2'0	- 8'1	+ 2'7	- 8'8	+ 3'6	- 7'7	+ 5'0	- 8'4	+ 4'6	- 7'8	+ 5'6	- 8'0	+ 6'2	- 6'8	+ 5'1	- 7'0	+ 5'1	- 8'1	+ 5'4	- 9'4	+ 4'6	- 9'6	+ 4'2	November.	
- 8'3	+ 0'1	- 9'1	+ 0'3	- 9'4	- 0'1	- 9'4	+ 0'4	- 8'3	+ 1'0	- 8'9	+ 0'7	- 9'6	+ 0'1	- 9'3	- 0'1	- 8'8	- 0'8	- 8'9	- 1'0	- 8'6	- 1'3	- 7'1	- 2'2	- 8'2	- 0'4	December.	
- 1'2	- 0'5	- 1'4	- 0'2	- 1'2	+ 0'1	- 1'2	+ 0'2	- 1'1	+ 0'3	- 1'4	- 0'4	- 1'1	- 0'5	- 1'3	- 0'8	- 1'0	- 1'2	- 1'1	- 1'3	- 1'0	- 1'7	- 0'9	- 1'9	- 1'1	- 1'1	Year.	

TOTAL AMOUNTS of RAINFALL MEASURED, for each HOUR, and CALENDAR MONTH, and for the YEAR.

48 feet above Mean Sea Level.

P.M.																							Midt.		Monthly Totals.	1888.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Rainy Days.	Amount.	
2	in. '060	2	in. '080	4	in. '085	4	in. '055	3	in. '020	5	in. '120	3	in. '090	2	in. '035	4	in. '045	3	in. '020	2	in. '010	2	in. '010	19	ins. 2'020*	January.
6	'065	4	'090	4	'125	3	'035	4	'040	1	'035	1	'010	1	'005	2	'010	2	'015	4	'025	3	'030	23	2'075*	February.
6	'085	4	'130	6	'190	7	'135	8	'130	7	'200	6	'160	5	'145	6	'190	7	'225	7	'175	7	'130	21	3'495*	March.
5	'065	4	'020	1	'005	4	'030	3	'070	4	'040	6	'090	4	'075	9	'075	7	'060	5	'120	7	'215	21	2'235*	April.
4	'040	1	'005	1	'005	—	—	2	'020	2	'030	2	'010	3	'045	4	'040	7	'065	2	'070	2	'040	14	1'240	May.
1	'055	2	'020	2	'090	3	'055	4	'155	4	'075	4	'040	3	'085	3	'190	4	'165	5	'175	4	'100	9	2'805	June.
4	'180	3	'120	3	'055	3	'022	2	'010	4	'055	6	'108	4	'115	5	'185	7	'230	6	'220	6	'270	16	4'585	July.
3	'055	3	'020	6	'160	8	'260	5	'185	5	'110	3	'040	2	010	1	'035	2	'010	2	'015	2	'045	17	2'050*	August.
3	'035	3	'080	3	'195	3	'120	6	'060	7	'100	2	'055	4	'135	3	'110	8	'150	3	'035	3	'025	11	1'850	September.
2	'030	1	'015	3	'030	5	'065	7	'110	7	'150	1	'030	—	—	2	'055	5	'030	5	'100	3	'055	20	1'730	October.
2	'160	4	'165	2	'090	5	'165	5	'230	5	'120	7	'150	4	'120	6	'100	6	'095	7	'160	9	'160	24	3'800	November.
2	'025	2	'015	2	'080	4	'075	3	'240	4	'090	6	'085	5	'150	3	'115	5	'095	4	'100	3	'055	15	1'595	December.
40	'855	33	'760	37	1'110	49	1'017	52	1'270	55	1'125	47	'868	38	'920	48	1'150	63	1'160	52	1'205	51	1'135	210	29'540*	Year.

a fall of less than 0'01 in. was measured have been disregarded.
but which, owing to failure of the trace, could not be allocated to the hours at which it fell.

ABERDEEN OBSERVATORY

TABLE XI.—NUMBER of OBSERVATIONS of WIND, and the MEAN VELOCITY, referred to Eight Points, for each
each HOUR and for the DAY; and the MAXIMUM VELOCITY
JANUARY 1888.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	2	13	2	13	0	—	0	—	0	—	0	—	2	17	1	11	1	11	1	10	0	—	0	—
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	18	1	24
E	0	—	0	—	0	—	0	—	1	6	0	—	0	—	0	—	1	8	1	6	0	—	0	—
SE	4	13	0	—	3	14	1	17	2	21	1	13	0	—	1	6	0	—	2	10	0	—	0	—
S	4	11	6	13	3	13	6	13	6	13	4	19	8	13	7	15	5	16	10	12	7	13	8	12
SW	10	12	10	11	10	12	7	13	8	11	8	11	5	11	6	11	7	10	4	9	8	11	8	11
W	6	9	6	7	5	10	10	12	5	12	6	9	5	12	3	9	8	12	3	16	4	8	5	8
NW	0	—	1	13	2	14	3	14	5	12	6	16	2	12	3	20	2	21	3	20	4	19	5	19
Calms	5	—	6	—	8	—	4	—	4	—	6	—	9	—	10	—	7	—	7	—	7	—	4	—
Mean Velocity irrespective of Direction	—	9	—	9	—	9	—	11	—	11	—	11	—	9	—	9	—	10	—	10	—	10	—	11

FEBRUARY.

N	5	16	4	14	4	14	2	13	2	15	1	11	1	7	2	9	1	10	1	11	4	13	5	10
NE	2	19	1	32	1	37	1	16	1	29	2	19	2	20	1	27	1	27	2	27	2	16	3	21
E	2	22	4	19	3	17	5	20	4	14	5	17	3	22	3	20	5	18	3	21	4	18	2	21
SE	2	13	2	11	2	12	1	12	1	13	1	14	2	11	3	16	1	11	2	12	0	—	2	11
S	1	10	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
SW	2	14	2	9	3	10	3	13	3	10	1	9	2	9	3	11	4	13	4	11	2	6	2	11
W	6	13	7	16	6	12	7	12	7	11	7	11	4	10	5	12	8	11	6	12	8	11	8	14
NW	7	14	8	10	5	12	9	11	10	12	8	11	12	12	10	12	8	12	10	12	7	12	7	12
Calms	2	—	1	—	2	—	1	—	1	—	4	—	3	—	2	—	1	—	1	—	2	—	0	—
Mean Velocity irrespective of Direction	—	14	—	14	—	13	—	13	—	12	—	11	—	12	—	13	—	13	—	13	—	12	—	14

MARCH.

N	3	14	3	16	2	13	3	13	4	11	2	10	3	11	2	11	2	13	3	12	3	17	3	17
NE	2	25	2	28	1	40	1	35	2	23	1	13	0	—	0	—	0	—	2	13	2	15	2	15
E	7	25	8	21	8	22	6	21	5	24	5	23	6	26	5	23	6	25	5	22	8	22	9	21
SE	2	23	4	25	3	18	6	26	4	23	5	25	3	27	4	28	3	25	3	35	1	40	1	42
S	1	34	0	—	1	31	0	—	1	10	2	9	2	14	1	11	1	10	2	7	2	10	2	10
SW	2	10	2	8	3	7	2	10	2	9	2	13	1	6	1	19	2	11	2	14	3	8	5	11
W	4	16	4	15	4	13	2	11	3	12	3	10	4	11	6	10	9	10	5	13	3	14	2	23
NW	5	13	3	15	6	17	9	15	9	13	9	14	8	16	11	13	7	15	7	16	6	19	5	16
Calms	5	—	5	—	3	—	2	—	1	—	2	—	4	—	1	—	1	—	2	—	3	—	2	—
Mean Velocity irrespective of Direction	—	16	—	16	—	16	—	17	—	16	—	15	—	15	—	16	—	15	—	16	—	16	—	16

APRIL.

N	4	11	3	11	3	12	4	14	5	12	6	11	4	14	3	12	3	16	2	17	3	17	4	15
NE	0	—	2	13	1	23	2	21	2	20	3	27	3	17	5	25	3	21	6	22	5	22	7	21
E	2	16	2	16	2	20	2	13	1	24	0	—	2	23	0	—	2	25	2	17	3	19	2	21
SE	2	11	2	10	2	8	2	9	1	11	1	9	0	—	1	11	2	10	2	11	3	14	6	14
S	4	13	1	8	3	10	3	10	1	11	4	11	3	12	4	10	5	12	6	12	6	13	2	17
SW	1	12	4	15	2	17	2	10	2	7	0	—	2	16	3	14	2	10	1	19	1	20	2	20
W	1	12	0	—	1	15	4	12	4	11	6	9	5	13	5	15	4	25	2	32	4	27	0	—
NW	11	13	10	14	10	13	6	11	8	11	7	13	7	12	7	12	8	15	9	16	5	17	7	24
Calms	5	—	6	—	6	—	5	—	6	—	3	—	4	—	2	—	1	—	0	—	0	—	0	—
Mean Velocity irrespective of Direction	—	11	—	11	—	11	—	10	—	10	—	11	—	12	—	14	—	16	—	17	—	19	—	19

LAT. 57° 10' N. LONG. 2° 6' W.

Hour and for the DAY, for each CALENDAR MONTH. Also the MEAN VELOCITY irrespective of DIRECTION, for observed during the MONTH from each of the Eight Points.

JANUARY 1888.

P.M.																				Midt.		Monthly Totals and Means.		Maximum Velocity.		
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.					24.	
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.		No.	V.
0	—	0	—	0	—	1	24	1	24	1	19	2	24	1	21	2	26	2	23	1	20	2	16	22	18	27
0	—	1	27	0	—	0	—	0	—	0	—	0	—	1	31	0	—	0	—	1	19	0	—	5	24	31
1	27	0	—	1	25	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	14	27
2	16	2	14	2	13	2	12	1	7	1	10	2	9	1	9	2	8	2	7	2	17	2	14	35	12	36
9	1	9	12	10	12	8	11	8	12	6	14	8	12	11	11	10	13	10	12	7	10	5	9	175	12	39
6	14	6	12		13	7	9	6	9	7	12	4	11	4	14	4	12	3	10	6	11	10	12	158	11	31
4	15	6	12	3	8	3	16	4	10	7	10	6	12	3	8	3	16	7	8	5	10	7	9	124	11	33
3	24	3	21	4	25	3	20	4	21	3	24	3	15	5	14	4	12	3	15	3	15	2	15	76	18	38
6	—	4	—	7	—	7	—	7	—	6	—	6	—	5	—	6	—	4	—	6	—	3	—	144	—	—
—	12	—	12	—	11	—	10	—	10	—	11	—	10	—	11	—	11	—	10	—	10	—	10	—	10	—

FEBRUARY.

5	12	4	12	3	11	5	14	4	13	5	11	5	11	3	12	3	15	2	14	2	17	2	18	75	13	29
2	24	4	19	3	24	2	26	1	13	0	—	0	—	0	—	0	—	0	—	2	18	3	20	36	22	37
2	20	3	17	2	22	3	15	3	21	2	24	3	21	4	18	3	18	6	19	4	20	2	21	80	19	33
1	17	1	8	0	—	1	6	1	13	2	16	2	11	2	12	3	15	2	12	3	12	3	14	40	12	20
0	—	2	11	2	14	3	11	1	8	0	—	1	8	1	10	1	9	2	8	2	10	1	9	17	10	18
4	9	2	11	2	10	2	9	4	12	6	10	3	11	2	13	2	12	2	12	3	12	1	8	64	11	21
8	15	7	17	7	17	4	15	7	13	4	14	5	13	9	13	8	13	6	14	7	14	7	14	158	13	29
5	12	5	11	6	13	7	14	6	13	8	11	7	10	8	11	8	13	9	13	6	15	7	12	186	12	28
2	—	1	—	4	—	2	—	2	—	2	—	3	—	0	—	1	—	0	—	0	—	3	—	40	—	—
—	13	—	14	—	13	—	13	—	12	—	12	—	11	—	13	—	13	—	14	—	15	—	13	—	13	—

MARCH.

4	16	5	16	3	17	2	20	5	14	7	14	5	14	4	14	5	12	3	19	2	23	2	23	80	15	25
3	12	2	20	5	13	7	13	4	14	4	12	2	9	4	15	3	21	2	20	2	17	2	14	55	16	40
8	20	6	26	8	23	6	27	7	23	7	26	7	27	6	28	6	27	7	24	7	23	6	27	150	24	41
2	37	3	22	3	21	1	42	3	25	1	43	3	28	4	25	2	32	3	30	2	28	3	32	69	27	43
5	10	4	12	5	10	6	10	2	7	5	11	2	9	1	6	4	14	2	9	2	21	0	—	53	12	34
1	14	2	10	0	—	0	—	2	10	2	13	2	15	2	14	3	10	3	10	2	10	3	11	49	11	28
3	14	2	22	1	18	3	12	2	11	0	—	2	17	0	—	3	17	0	—	4	16	4	15	73	13	28
5	20	5	18	6	17	6	16	5	15	4	13	5	14	7	14	4	13	9	14	7	12	6	13	154	15	27
0	—	2	—	0	—	0	—	1	—	1	—	3	—	3	—	1	—	2	—	3	—	5	—	52	—	—
—	17	—	17	—	17	—	17	—	16	—	16	—	16	—	17	—	17	—	17	—	16	—	16	—	16	—

APRIL.

1	20	3	22	1	27	4	18	2	13	4	15	5	12	6	12	6	12	6	12	6	12	5	12	93	13	27
6	22	5	22	7	21	4	19	7	20	5	14	4	11	3	9	2	9	2	14	2	16	0	—	86	19	37
6	15	4	16	3	18	5	16	3	15	6	13	4	11	3	14	2	19	2	17	2	14	2	17	62	16	30
2	14	5	17	4	16	4	15	4	13	1	15	3	13	2	13	3	12	2	14	2	14	2	13	58	13	21
5	17	3	14	5	15	3	15	4	12	6	12	4	13	7	13	2	15	4	17	4	11	4	13	93	13	25
3	16	2	23	1	18	3	19	2	15	2	23	3	21	1	11	4	13	3	10	3	13	2	10	51	15	30
1	27	3	20	4	22	4	19	3	16	2	24	2	17	2	24	3	14	2	18	3	12	2	22	67	17	38
6	21	5	20	5	20	3	19	4	17	3	20	3	18	3	13	5	15	6	14	5	13	7	10	150	15	34
0	—	0	—	0	—	0	—	1	—	1	—	2	—	3	—	3	—	3	—	3	—	6	—	60	—	—
—	19	—	19	—	19	—	17	—	15	—	15	—	13	—	12	—	12	—	12	—	11	—	10	—	14	—

ABERDEEN.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and

MAY 1888.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	15	3	12	2	16	1	13
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	9	2	10	3	8	0	—	1	13
E	0	—	1	9	0	—	0	—	0	—	0	—	2	10	0	—	3	7	1	10	6	10	4	13
SE	4	15	3	19	5	16	5	20	5	16	4	16	2	24	5	15	4	17	6	18	2	17	7	17
S	4	12	3	15	1	17	2	9	4	11	5	12	5	11	3	13	5	14	4	15	7	19	3	16
SW	5	13	6	12	6	10	6	10	3	10	5	9	5	11	4	11	3	16	2	14	2	15	1	20
W	9	13	7	11	7	15	6	11	6	9	5	13	6	16	6	19	5	19	5	19	4	24	6	24
NW	6	8	8	11	7	9	6	12	5	14	8	13	8	13	6	17	8	21	7	23	8	21	8	19
Calms	3	—	3	—	5	—	6	—	8	—	4	—	3	—	3	—	0	—	0	—	0	—	0	—
Mean Velocity irrespective of Direction	—	11	—	11	—	10	—	10	—	9	—	11	—	12	—	13	—	16	—	17	—	18	—	18

JUNE.

N	7	11	6	10	5	12	2	11	5	13	5	14	8	11	8	13	10	14	9	15	7	16	6	14
NE	1	11	2	13	1	12	2	13	2	11	1	6	2	8	3	9	3	7	4	11	4	11	4	14
E	3	11	1	13	2	17	2	18	1	22	2	16	4	13	3	8	7	13	8	13	9	12	8	12
SE	2	10	1	19	1	6	0	—	4	9	2	11	1	9	3	17	2	11	3	15	5	15	3	13
S	2	10	4	10	3	10	3	10	1	9	2	9	1	13	3	13	2	17	2	16	1	21	3	20
SW	1	9	1	9	1	6	0	—	2	11	2	10	2	16	1	26	1	24	1	20	0	—	0	—
W	2	25	2	27	4	16	4	16	3	17	4	17	1	34	0	—	1	31	0	—	1	30	1	31
NW	9	12	10	11	12	10	12	11	8	11	8	11	7	13	7	18	3	14	1	28	2	27	3	25
Calms	3	—	3	—	1	—	5	—	4	—	4	—	4	—	2	—	1	—	2	—	1	—	2	—
Mean Velocity irrespective of Direction	—	11	—	11	—	11	—	10	—	10	—	11	—	11	—	13	—	13	—	13	—	15	—	15

JULY.

N	5	9	4	10	4	9	5	10	5	9	4	8	5	9	3	11	6	10	4	9	4	12	4	11
NE	2	13	2	13	2	11	4	15	4	17	4	17	4	18	5	17	5	19	7	16	5	16	6	16
E	1	29	1	28	1	33	0	—	1	6	3	9	2	9	4	9	4	11	5	11	7	13	4	13
SE	1	9	1	9	1	10	1	10	1	11	0	—	2	11	4	11	4	11	3	12	4	13	6	11
S	1	6	2	7	1	6	2	8	1	8	1	8	2	10	1	8	1	12	2	12	2	11	3	13
SW	2	10	2	8	3	7	0	—	1	12	1	10	0	—	0	—	2	9	0	—	0	—	1	13
W	1	7	2	11	1	13	1	8	2	7	2	7	2	13	2	7	0	—	1	19	3	13	2	21
NW	9	15	10	14	11	14	10	12	9	15	10	14	8	15	9	17	6	21	7	18	5	19	5	19
Calms	9	—	7	—	7	—	8	—	7	—	6	—	6	—	3	—	3	—	2	—	1	—	0	—
Mean Velocity irrespective of Direction	—	9	—	9	—	9	—	9	—	10	—	10	—	10	—	12	—	13	—	13	—	14	—	14

AUGUST.

N	2	8	0	—	0	—	1	6	0	—	0	—	0	—	1	8	2	11	2	10	2	22	2	22
NE	0	—	1	6	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
E	0	—	0	—	0	—	0	—	1	7	1	12	1	11	1	10	1	11	3	10	2	12	2	11
SE	3	17	4	16	4	16	4	17	3	15	2	16	4	13	3	14	6	11	7	12	8	14	6	14
S	3	8	2	8	1	11	2	14	5	11	4	16	3	12	6	12	7	15	6	14	7	15	8	15
SW	2	8	3	9	6	10	4	10	2	10	4	12	4	12	5	11	4	11	4	13	4	11	2	13
W	5	12	5	11	6	13	6	11	3	14	5	11	6	10	4	14	0	—	2	19	0	—	5	8
NW	5	10	6	10	5	9	6	10	7	9	5	12	7	12	9	13	11	14	7	17	7	16	5	17
Calms	11	—	10	—	9	—	8	—	10	—	10	—	6	—	2	—	0	—	0	—	1	—	1	—
Mean Velocity irrespective of Direction	—	7	—	7	—	8	—	8	—	8	—	9	—	9	—	12	—	13	—	14	—	14	—	14

ABERDEEN.

MEAN VELOCITY, &c. for each CALENDAR MONTH—continued.

MAY 1883.

P.M.																				Midt.		Monthly Totals and Means.		Maximum Velocity.		
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.					24.	
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	
2	11	2	13	2	17	2	17	1	15	1	11	4	10	3	8	3	8	1	8	2	10	1	9	31	12	21
2	15	2	9	2	16	3	9	2	17	2	15	2	12	1	4	1	6	0	—	0	—	1	10	28	11	20
5	11	3	16	6	11	4	13	6	9	4	9	3	7	2	8	3	6	1	7	1	6	0	—	55	10	20
4	14	9	16	4	18	5	15	3	18	2	19	2	19	2	20	2	24	3	16	3	15	3	20	94	17	37
5	20	3	20	6	17	7	14	7	13	7	12	6	12	4	12	3	11	5	13	3	17	3	14	105	14	28
1	20	1	19	1	17	2	21	2	21	3	14	3	14	4	12	4	11	3	13	5	11	4	10	81	12	22
4	26	6	31	5	20	5	30	4	23	5	25	2	24	3	21	4	21	4	20	6	19	8	16	128	19	49
8	23	5	18	5	22	3	17	6	21	5	17	5	22	4	15	2	20	5	12	5	8	7	10	145	16	43
0	—	0	—	0	—	0	—	0	—	2	—	4	—	8	—	9	—	9	—	6	—	4	—	77	—	—
—	18	—	19	—	19	—	17	—	16	—	14	—	13	—	10	—	10	—	10	—	11	—	12	—	14	—

JUNE.

7	16	7	17	6	18	5	15	6	15	7	15	9	14	7	13	7	11	9	12	11	12	10	11	169	13	25
4	14	5	15	4	15	9	13	8	15	5	13	5	16	7	12	4	13	1	12	0	—	2	14	83	13	24
8	13	11	12	9	11	6	11	4	9	7	10	3	10	1	11	1	14	4	10	3	12	1	13	108	12	35
5	15	2	13	5	15	4	13	5	11	4	10	4	9	3	11	1	11	2	10	2	10	2	12	66	12	27
1	13	2	18	1	16	2	17	2	17	3	13	4	11	4	9	4	11	2	8	2	9	3	8	57	12	22
0	—	1	15	1	15	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	9	1	7	16	13	26
1	34	1	34	1	35	1	34	1	33	1	23	1	27	1	17	1	11	2	11	1	10	2	9	37	21	42
2	23	1	15	2	20	3	22	3	19	2	11	1	12	3	14	4	13	5	10	5	10	6	11	119	13	31
2	—	0	—	1	—	0	—	1	—	1	—	3	—	4	—	8	—	5	—	5	—	3	—	65	—	—
—	15	—	15	—	15	—	15	—	14	—	13	—	12	—	10	—	9	—	9	—	9	—	10	—	12	—

JULY.

5	11	3	12	4	11	5	12	4	12	4	13	5	12	5	11	5	9	7	9	4	8	6	9	108	10	17
5	15	4	16	4	16	5	14	4	14	4	15	3	11	4	10	5	9	2	12	3	20	2	12	91	15	32
7	12	6	11	6	12	6	12	6	12	4	9	4	12	4	14	2	22	2	21	2	19	1	30	83	13	33
4	12	6	11	7	12	6	12	7	13	7	11	2	10	2	8	2	9	2	8	1	9	1	10	75	11	22
4	14	4	12	3	11	4	10	2	11	3	9	5	9	5	7	3	6	2	7	0	—	1	8	55	10	16
0	—	0	—	0	—	1	9	2	9	1	8	1	8	1	7	0	—	1	6	2	7	1	9	22	9	13
1	25	3	19	1	33	0	—	0	—	0	—	0	—	1	15	0	—	1	11	3	11	1	13	30	13	33
7	18	5	18	6	18	6	20	6	20	6	21	6	20	5	20	9	14	7	16	7	14	6	16	175	16	37
0	—	0	—	0	—	0	—	0	—	2	—	5	—	4	—	7	—	7	—	9	—	12	—	105	—	—
—	14	—	14	—	14	—	13	—	14	—	12	—	11	—	10	—	9	—	9	—	8	—	8	—	11	—

AUGUST.

2	21	3	16	3	10	1	13	4	11	3	15	2	12	2	8	1	7	1	8	1	6	1	6	36	12	30
1	7	0	—	0	—	0	—	0	—	1	12	0	—	0	—	1	7	1	7	0	—	0	—	5	8	12
2	10	3	9	3	11	2	13	1	16	1	6	1	11	1	8	0	—	0	—	0	—	0	—	26	10	17
5	12	6	11	7	12	4	11	9	9	5	11	3	10	2	13	2	17	1	11	1	10	2	20	101	13	27
11	12	9	11	7	10	11	11	6	10	6	9	10	10	7	8	6	8	7	10	6	9	2	9	142	11	21
3	20	4	18	5	14	4	16	5	13	6	13	3	11	6	10	7	10	6	10	4	10	5	10	102	12	22
0	—	1	9	0	—	0	—	0	—	0	—	0	—	1	8	3	14	3	15	4	13	3	13	62	12	32
6	17	5	17	6	15	7	15	4	17	4	17	5	16	5	17	5	11	6	10	5	10	5	10	143	13	32
1	—	0	—	0	—	2	—	2	—	5	—	7	—	7	—	6	—	6	—	10	—	13	—	127	—	—
—	14	—	13	—	12	—	12	—	11	—	10	—	9	—	8	—	9	—	8	—	7	—	7	—	10	—

ABERDEEN.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and

SEPTEMBER 1888.

POINTS.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	1	11	1	10	0	—	0	—	0	—	0	—	0	—	1	7	1	9	0	—	0	—	1	13
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	15	2	13	2	14	2	16
E	0	—	0	—	0	—	1	6	1	6	1	8	0	—	0	—	0	—	1	6	0	—	2	8
SE	0	—	0	—	0	—	1	12	0	—	0	—	1	10	1	10	3	11	3	9	7	12	5	11
S	4	11	4	11	4	11	3	10	4	12	4	10	6	10	6	10	7	12	7	12	5	14	9	13
SW	1	8	1	6	1	6	3	7	1	6	2	10	1	11	0	—	0	—	1	17	2	14	0	—
W	3	13	3	11	5	12	6	9	7	8	9	9	11	10	10	8	6	11	4	12	4	12	3	11
NW	7	12	6	15	6	13	6	13	6	12	5	13	3	11	5	16	5	18	7	17	7	14	5	16
Calms	14	—	15	—	14	—	10	—	11	—	9	—	8	—	7	—	7	—	5	—	3	—	3	—
Mean Velocity irrespective of Direction	—	6	—	6	—	6	—	7	—	6	—	7	—	7	—	8	—	10	—	11	—	12	—	12

OCTOBER.

N	0	—	0	—	1	11	0	—	0	—	0	—	0	—	0	—	0	—	2	9	0	—	0	—
NE	0	—	0	—	0	—	0	—	1	7	0	—	0	—	0	—	0	—	0	—	2	11	2	10
E	0	—	1	6	1	11	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
SE	1	18	2	9	0	—	1	11	0	—	0	—	1	14	1	14	0	—	0	—	1	10	2	10
S	4	12	5	10	6	11	6	12	7	11	7	12	6	13	6	14	8	13	9	12	10	14	8	16
SW	6	10	6	10	3	11	5	8	5	10	5	10	6	8	5	11	5	12	5	12	3	17	4	15
W	7	14	7	15	8	13	8	11	12	11	10	12	7	12	10	13	8	16	10	16	8	18	6	20
NW	6	12	5	13	4	14	4	18	2	20	3	16	3	17	3	17	4	21	3	21	5	21	7	24
Calms	7	—	5	—	8	—	7	—	4	—	6	—	8	—	6	—	6	—	2	—	2	—	2	—
Mean Velocity irrespective of Direction	—	9	—	10	—	9	—	9	—	10	—	10	—	9	—	11	—	12	—	13	—	15	—	16

NOVEMBER.

N	2	17	2	15	0	—	1	14	0	—	1	16	0	—	0	—	0	—	1	11	1	13	2	15
NE	1	31	1	28	1	31	0	—	1	27	1	24	0	—	0	—	0	—	0	—	0	—	0	—
E	1	15	0	—	0	—	1	28	0	—	1	6	3	19	4	21	4	22	3	21	4	24	5	23
SE	11	25	13	23	14	22	13	24	12	26	12	26	12	25	10	26	11	26	11	24	11	24	9	25
S	4	10	5	11	3	13	4	13	4	16	3	15	3	19	4	22	5	22	5	19	5	18	4	21
SW	6	18	5	21	5	21	5	17	6	18	8	18	8	16	7	17	6	17	7	22	5	25	7	24
W	4	12	4	12	4	12	3	12	4	12	2	10	2	12	3	13	3	15	3	13	3	19	3	19
NW	0	—	0	—	2	13	3	13	3	12	2	17	2	14	1	11	1	11	0	—	1	9	0	—
Calms	1	—	0	—	1	—	0	—	0	—	0	—	0	—	1	—	0	—	0	—	0	—	0	—
Mean Velocity irrespective of Direction	—	18	—	19	—	19	—	19	—	20	—	20	—	20	—	20	—	21	—	21	—	22	—	23

DECEMBER.

N	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
SE	3	17	4	22	3	25	6	17	7	16	7	19	6	20	5	20	3	25	5	20	6	18	6	20
S	11	14	11	12	14	13	10	11	9	12	11	10	8	13	11	12	12	13	12	12	13	12	9	13
SW	7	12	5	10	4	10	4	12	5	10	3	11	5	10	7	10	5	10	4	9	6	9	8	11
W	4	11	6	11	4	9	3	11	2	11	3	13	2	9	1	16	2	8	1	12	1	12	1	16
NW	2	13	2	10	1	8	1	16	0	—	2	10	2	18	2	10	2	11	2	11	2	10	2	10
Calms	4	—	3	—	5	—	7	—	8	—	5	—	8	—	5	—	7	—	7	—	3	—	5	—
Mean Velocity irrespective of Direction	—	12	—	11	—	11	—	10	—	9	—	11	—	11	—	11	—	10	—	10	—	11	—	12

ABERDEEN.

MEAN VELOCITY, &c. for each CALENDAR MONTH—continued.

SEPTEMBER 1888.

P.M.																					Midt.		Monthly Totals and Means.		Maximum Velocity.	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.			
0	—	1	7	1	12	0	—	4	11	1	10	2	10	1	11	1	11	2	9	1	11	1	13	20	10	13
4	13	3	14	3	12	4	12	0	—	2	8	0	—	0	—	0	—	0	—	0	—	0	—	23	13	21
2	8	2	6	1	6	1	6	2	7	1	6	0	—	1	6	1	8	0	—	0	—	0	—	17	7	9
5	11	6	12	8	10	4	10	3	10	2	9	2	10	1	7	0	—	0	—	0	—	0	—	52	11	18
8	15	8	14	8	14	9	13	7	11	8	10	7	9	7	10	7	10	6	10	6	10	5	9	149	11	22
0	—	0	—	1	12	2	11	4	11	3	10	3	9	3	8	2	12	2	11	2	9	3	9	38	10	17
2	14	3	10	2	12	4	16	3	16	3	14	3	12	2	12	1	15	3	13	3	13	2	15	102	11	27
5	16	4	17	4	16	3	10	1	12	3	8	4	12	6	10	6	12	5	12	7	10	6	12	122	13	29
4	—	3	—	2	—	3	—	6	—	7	—	9	—	9	—	12	—	12	—	11	—	13	—	197	—	—
—	12	—	12	—	11	—	11	—	9	—	8	—	7	—	7	—	7	—	7	—	7	—	6	—	8	—

OCTOBER.

0	—	1	11	0	—	1	14	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	11	14
1	8	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	9	11
1	12	1	8	1	8	1	8	1	7	1	15	0	—	1	15	1	11	0	—	0	—	0	—	10	10	15
3	12	3	13	2	18	3	11	2	15	0	—	1	14	0	—	0	—	0	—	0	—	0	—	23	13	19
6	15	7	13	9	14	6	12	8	15	6	11	8	11	8	12	5	12	4	14	5	13	6	12	160	13	22
5	17	4	20	3	13	4	16	3	13	6	13	4	14	3	15	8	15	8	14	7	13	7	12	120	13	31
6	22	4	21	6	17	5	12	4	18	6	18	8	16	10	16	7	20	5	16	6	17	6	17	174	15	45
7	20	8	19	6	18	5	20	5	17	2	16	3	11	2	9	3	8	4	18	5	13	5	12	104	17	45
2	—	3	—	4	—	6	—	8	—	10	—	7	—	7	—	7	—	10	—	8	—	7	—	142	—	—
—	16	—	15	—	13	—	11	—	11	—	10	—	10	—	11	—	11	—	10	—	10	—	10	—	11	—

NOVEMBER.

1	10	1	25	1	21	1	19	1	18	1	17	1	15	1	17	1	19	1	14	1	14	1	11	22	16	25
1	24	1	26	1	29	1	33	2	37	2	37	2	41	2	41	2	39	2	35	2	36	2	33	25	34	47
4	26	4	24	4	25	2	28	2	16	1	19	2	22	2	22	1	12	2	22	0	—	1	14	51	22	41
11	24	10	24	9	26	11	26	11	25	12	24	10	26	11	25	12	24	10	27	12	26	11	26	269	25	48
2	14	2	10	3	11	2	12	2	15	2	16	3	10	2	18	0	—	2	10	3	11	4	15	76	15	34
6	26	7	25	6	22	6	15	4	15	6	16	8	14	8	11	7	15	6	16	4	19	4	20	147	18	56
5	25	4	22	6	17	6	19	6	17	5	18	3	16	3	15	4	18	3	19	5	14	4	18	92	16	40
0	—	1	7	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	16	12	18
0	—	0	—	0	—	1	—	2	—	1	—	1	—	1	—	3	—	4	—	3	—	3	—	22	—	—
—	24	—	23	—	22	—	21	—	20	—	20	—	20	—	20	—	19	—	19	—	19	—	19	—	20	—

DECEMBER.

0	—	1	8	1	7	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	8	8
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—
6	21	9	19	8	24	10	22	10	22	9	23	8	23	7	24	6	24	8	1	4	25	3	29	149	21	39
11	12	7	16	8	14	8	13	7	13	8	12	10	14	9	12	8	12	9	13	12	13	11	13	239	13	34
5	9	7	9	6	9	3	11	3	7	4	10	2	9	6	11	7	11	5	11	5	10	3	10	119	10	22
2	13	4	10	5	14	5	14	3	15	3	10	5	13	4	13	8	13	4	11	4	12	8	10	82	12	22
2	12	1	16	2	10	1	16	3	13	2	16	1	11	2	13	1	11	2	13	2	13	2	16	41	12	23
5	—	2	—	1	—	4	—	5	—	5	—	5	—	3	—	4	—	3	—	4	—	4	—	112	—	—
—	11	—	13	—	15	—	14	—	13	—	13	—	14	—	14	—	13	—	13	—	12	—	12	—	—	—

ABERDEEN OBSERVATORY.

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, and DAILY AMOUNTS of RAINFALL, for each MONTH of the YEAR.

JANUARY 1888.										FEBRUARY 1888.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.		
				Dry.	Difference. (Dry--Wet.)									Dry.	Difference. (Dry--Wet.)				
1	ins.	ins.	ins.	°	°	°	°	in.		1	ins.	ins.	ins.	°	°	°	°	in.	
2	29°391	29°606	29°185	33°4	2°1	35°3	30°6	.105		2	29°942	29°986	29°836	31°3	2°1	34°3	29°3	.025	1
3	29°062	29°225	28°937	33°2	1°4	36°0	29°9	.015		3	29°665	29°907	29°460	35°8	2°2	42°4	29°0	.155	2
4	29°505	29°639	29°254	37°9	1°9	41°9	34°5	.200		4	29°610	29°707	29°588	43°0	3°4	47°7	38°5	—	3
5	29°401	29°539	29°325	43°5	1°8	46°9	40°9	.220		5	29°915	30°002	29°751	40°8	1°5	47°4	37°2	.050	4
6	29°433	29°632	29°370	41°4	1°4	42°4	38°4	.005		6	29°881	29°971	29°790	50°0	2°8	52°7	46°6	.025	5
7	29°692	29°739	29°615	40°4	2°3	44°6	35°5	.060		7	30°001	30°062	29°896	49°1	3°9	51°6	45°2	—	6
8	29°866	29°947	29°741	44°8	2°4	49°1	42°4	—		8	29°854	29°931	29°715	44°0	3°6	47°8	40°8	.020	7
9	30°039	30°211	29°888	50°6	2°8	54°1	47°0	—		9	29°707	29°762	29°651	44°9	1°6	48°0	42°5	.170	8
10	30°309	30°423	30°212	49°0	4°6	57°5	39°0	—		10	29°697	29°751	29°576	40°9	3°8	44°9	35°7	.010	9
11	30°404	30°460	30°367	41°2	1°6	48°8	35°7	—		11	29°439	29°546	29°408	32°7	2°3	36°6	28°9	.075	10
12	30°458	30°487	30°426	35°9	1°0	39°1	32°0	.015		12	29°279	29°398	29°207	31°0	1°9	34°8	27°4	.140	11
13	30°423	30°483	30°391	34°1	0°9	37°3	31°0	.010		13	29°253	29°293	29°206	27°5	1°6	33°7	17°9	—	12
14	30°558	30°608	30°474	36°3	1°0	40°5	30°0	.030		14	29°466	29°715	29°286	27°2	1°4	37°9	19°0	.730	13
15	30°604	30°610	30°592	39°7	1°3	41°6	37°7	.020		15	29°913	30°060	29°735	31°5	1°6	37°2	26°3	—	14
16	30°602	30°615	30°592	39°5	1°4	40°7	38°3	.010		16	30°178	30°270	30°070	26°8	1°7	32°6	18°0	—	15
17	30°570	30°591	30°548	37°9	1°4	40°2	35°9	.060		17	30°218	30°292	30°033	21°4	1°6	30°6	11°0	.145	16
18	30°575	30°589	30°559	36°8	2°6	38°4	35°4	—		18	30°039	30°090	29°964	33°9	1°6	38°7	28°6	.155	17
19	30°587	30°616	30°557	35°6	2°2	38°4	33°4	—		19	29°813	30°008	29°666	32°8	1°6	36°3	27°0	.025	18
20	30°422	30°554	30°328	29°3	1°4	34°1	24°7	—		20	29°842	29°917	29°670	34°4	2°5	36°7	28°2	—	19
21	30°179	30°314	29°068	30°0	1°6	35°2	24°0	.205		21	29°991	30°070	29°883	35°7	2°2	37°8	32°7	.095	20
22	29°616	29°932	29°478	42°5	1°2	47°1	34°3	—		22	30°016	30°055	29°996	35°3	1°2	37°9	32°9	.095	21
23	29°664	29°828	29°550	47°4	3°0	52°0	44°0	—		23	30°070	30°121	30°040	36°1	3°2	37°7	34°9	.005	22
24	29°890	29°947	29°845	46°1	4°1	50°8	40°0	—		24	30°206	30°239	30°136	34°8	3°2	35°0	33°3	—	23
25	29°905	29°997	29°772	47°3	4°0	52°3	43°9	.030		25	30°224	30°245	30°199	34°2	3°1	36°0	32°7	.035	24
26	29°637	29°832	29°328	42°7	1°9	50°7	37°9	.205		26	30°248	30°274	30°232	34°5	3°4	38°3	28°4	—	25
27	29°731	30°055	29°504	37°1	1°9	41°6	34°0	—		27	30°324	30°354	30°277	36°8	1°6	38°2	35°0	.105	26
28	29°913	30°062	29°805	32°1	2°3	35°1	26°6	—		28	30°426	30°503	30°351	36°8	2°3	39°1	35°0	.025	27
29	29°975	30°001	29°937	33°4	2°6	35°6	30°9	.770		29	30°497	30°518	30°474	35°4	2°5	37°7	33°8	—	28
30	29°988	30°026	29°949	33°1	1°5	35°4	29°5	—		30	30°466	30°482	30°434	35°7	1°7	40°3	32°8	.095	29
31	29°664	29°934	29°161	34°0	2°2	38°6	27°7	—											
	29°375	29°812	29°089	35°0	1°2	40°8	26°9	—											
Maximum fall in one hour } 4 a.m. 4th -										Maximum fall in one hour } 3 p.m., and									
0°115										0°085									
MARCH.										APRIL.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.		
				Dry.	Difference. (Dry--Wet.)									Dry.	Difference. (Dry--Wet.)				
1	ins.	ins.	ins.	°	°	°	°	in.		1	ins.	ins.	ins.	°	°	°	°	in.	
2	30°363	30°465	30°199	35°7	2°2	39°0	38°2	—		2	29°824	29°940	29°696	40°0	3°0	45°3	33°0	.040	1
3	29°947	30°169	29°828	37°8	2°7	43°2	33°3	.020		3	29°784	29°923	29°655	37°5	2°7	41°4	32°8	.080	2
4	29°920	29°964	29°799	33°0	2°8	35°0	31°0	.055		4	29°856	29°925	29°660	35°5	2°6	39°7	33°3	.055	3
5	29°765	29°821	29°709	34°2	2°4	36°7	32°5	—		5	29°780	29°922	29°619	36°4	1°9	40°0	32°7	.215	4
6	29°742	29°832	29°613	36°9	3°5	41°2	32°7	—		6	30°038	30°160	29°992	37°9	2°6	43°9	31°6	—	5
7	29°639	29°656	29°600	42°2	3°8	48°2	36°4	—		7	30°194	30°208	30°162	39°7	2°7	47°3	31°3	.005	6
8	29°470	29°592	29°340	42°0	2°4	52°6	35°5	.275		8	30°156	30°200	30°137	37°6	2°2	43°0	33°0	.010	7
9	29°250	29°519	29°002	42°7	1°0	48°0	35°5	.085		9	30°075	30°131	30°026	36°8	3°1	41°2	31°5	—	8
10	28°870	28°983	28°802	45°6	1°2	51°0	43°0	.165		10	29°958	30°015	29°921	39°0	2°6	44°2	34°6	.070	9
11	29°120	29°336	28°841	39°6	1°0	44°4	36°7	.395		11	29°890	29°978	29°710	39°6	1°3	45°5	34°8	.210	10
12	29°261	29°326	29°205	34°4	1°4	37°2	30°9	.300		12	29°618	29°697	29°583	40°9	3°2	44°9	37°3	.090	11
13	29°486	29°610	29°329	31°1	2°5	32°8	28°5	.005		13	29°570	29°655	29°317	39°3	2°7	44°7	34°4	.095	12
14	29°575	29°626	29°466	30°8	2°4	35°5	24°0	—		14	29°339	29°445	29°196	44°8	3°4	51°7	36°4	.055	13
15	29°382	29°450	29°346	32°1	2°1	33°3	29°3	.160		15	29°634	29°749	29°547	48°0	3°4	58°8	40°8	.075	14
16	29°480	29°617	29°384	30°8	2°3	31°7	29°4	—		16	29°703	29°745	29°615	42°7	1°1	46°5	37°4	.195	15
17	29°754	29°860	29°625	29°9	2°8	31°9	27°9	—		17	29°577	29°620	29°537	48°2	3°4	56°7	41°0	.245	16
18	29°982	30°159	29°862	32°8	3°0	37°0	28°6	—		18	29°437	29°579	29°361	44°3	1°4	46°9	42°6	.180	17
19	30°322	30°419	30°174	35°8	2°9	41°2	29°7	—		19	29°341	29°360	29°319	45°8	1°9	51°7	40°7	—	18
20	30°362	30°420	30°249	36°2	4°7	38°1	33°8	—		20	29°454	29°568	29°356	43°0	1°2	51°2	39°9	—	19
21	30°300	30°364	30°249	37°6	4°5	41°6	31°2	—		21	29°749	29°886	29°577	40°1	2°3	41°8	37°7	.370	20
22	30°164	30°357	29°898	39°6	3°8	49°4	28°3	.140		22	29°871	29°891	29°854	38°0	3°6	42°3	33°7	.010	21
23	29°697	29°871	29°522	39°8	1°8	43°0	35°0	.040		23	29°922	29°990	29°852	39°1	1°4	43°3	33°3	.100	22
24	29°336	29°497	29°218	35°1	1°8	38°4	33°3	.160		24	30°096	30°199	29°993	38°0	2°2	39°6	36°0	.060	23
25	29°278	29°346	29°167	36°6	1°2	38°9	33°4	.490		25	30°198	30°210	30°184	39°6	3°7	42°6	34°8	—	24
26	28°972	29°220	28°854	33°9	1°7	38°2	31°2	—		26	30°219	30°247	30°174	39°2	3°5	42°9	35°0	.005	25
27	28°856	28°887	28°827	33°5	0°9	36°7	29°7	.670		27	30°069	30°210	29°707	42°2	3°7	48°0	34°8	—	26
28	28°802	28°894	28°760	31°2	1°8	35°1	25°2	—		28	29°665	29							

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., ABERDEEN—cont.

SEPTEMBER 1888.										OCTOBER 1888.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				Means 24 hrs.	Max.	Min.	Dry.	Difference. (Dry—Wet.)	Max.	Min.		
				Dry.	Difference. (Dry—Wet.)														
1	ins. 29°834	ins. 30°057	ins. 29°671	53°6	2°1	59°1	46°6	.420		1	ins. 29°417	ins. 29°553	ins. 29°218	37°3	1°8	43°1	34°0	.305	1
2	29°752	29°861	29°648	55°7	3°0	62°2	49°8	.030		2	29°123	29°290	28°984	41°9	2°8	45°8	37°4	.125	2
3	29°745	29°843	29°626	54°4	1°9	58°7	51°6	.185		3	29°385	29°449	29°298	42°9	2°6	50°4	35°6	.020	3
4	29°605	29°681	29°540	55°5	5°0	62°9	48°3	.005		4	29°241	29°377	29°132	37°3	2°3	44°5	32°0	.170	4
5	29°685	29°740	29°648	53°4	3°5	62°7	43°1	.030		5	29°294	29°528	29°144	38°7	2°0	44°6	32°7	.265	5
6	29°598	29°724	29°501	52°6	3°5	59°8	46°3	.005		6	29°771	29°907	29°546	38°4	2°4	43°8	34°4	.050	6
7	29°964	30°238	29°633	51°4	2°9	56°0	45°4	.030		7	29°989	30°039	29°915	41°5	3°0	46°0	37°2	.005	7
8	30°377	30°445	30°258	46°5	3°9	52°4	38°4	—		8	30°029	30°048	30°004	48°9	1°8	54°9	42°0	.035	8
9	30°359	30°443	30°244	44°3	2°1	51°0	36°4	—		9	30°028	30°049	30°002	48°5	1°3	53°0	41°6	.020	9
10	30°122	30°230	30°049	48°9	2°0	56°7	39°7	—		10	29°970	30°001	29°933	47°1	2°2	53°2	42°2	—	10
11	30°040	30°105	30°019	52°1	2°0	57°0	44°0	.260		11	29°802	29°992	29°600	47°0	2°8	52°9	41°5	.085	11
12	30°229	30°331	30°110	56°0	5°8	63°5	49°0	—		12	29°522	29°590	29°466	50°5	4°7	55°6	43°6	—	12
13	30°348	30°371	30°329	52°6	3°0	62°0	41°7	—		13	29°781	29°946	29°570	41°9	3°4	45°3	40°0	.020	13
14	30°212	30°319	30°094	51°2	1°7	58°4	42°6	—		14	29°937	29°966	29°906	45°9	4°0	51°7	38°1	—	14
15	29°962	30°078	29°889	52°1	1°0	54°4	49°6	.145		15	30°066	30°156	29°946	51°7	2°8	55°4	48°0	—	15
16	30°081	30°138	29°930	52°3	2°7	57°7	46°9	—		16	30°146	30°170	30°128	49°9	0°8	53°0	47°6	.080	16
17	30°099	30°162	30°055	52°9	2°7	63°0	47°1	—		17	30°176	30°202	30°162	49°3	1°1	52°1	47°3	—	17
18	30°205	30°242	30°161	54°4	3°1	60°0	48°0	—		18	30°094	30°155	30°050	49°4	1°5	50°3	48°4	—	18
19	30°276	30°296	30°241	50°1	1°6	54°6	41°9	—		19	30°086	30°130	30°049	50°7	2°0	53°0	48°6	.005	19
20	30°247	30°286	30°195	53°5	2°7	57°7	51°0	—		20	30°279	30°382	30°136	49°3	0°8	52°3	47°6	.095	20
21	30°165	30°195	30°149	49°6	1°0	56°5	43°6	—		21	30°421	30°448	30°372	46°8	2°7	48°1	43°9	—	21
22	30°080	30°144	30°027	52°5	2°8	64°9	40°7	—		22	30°250	30°402	30°089	45°2	2°6	48°2	42°4	.035	22
23	30°048	30°092	30°004	50°0	1°5	60°1	42°0	—		23	29°966	30°072	29°861	49°7	2°5	58°1	44°2	.035	23
24	30°027	30°128	29°964	49°4	1°4	53°9	44°6	.095		24	29°722	29°842	29°634	48°4	2°4	55°4	40°8	.020	24
25	30°226	30°291	30°141	45°1	4°3	48°1	38°0	—		25	29°556	29°630	29°524	51°9	1°2	54°6	49°8	.200	25
26	30°272	30°302	30°214	48°4	3°0	51°8	44°4	—		26	29°573	29°670	29°479	55°6	1°6	60°3	52°4	.050	26
27	30°134	30°207	30°069	47°5	2°6	51°7	42°3	—		27	29°637	29°669	29°592	58°7	1°5	62°4	53°8	.030	27
28	29°891	30°064	29°662	50°3	1°3	54°0	46°2	.130		28	29°534	29°670	29°436	55°9	2°3	59°2	51°2	.030	28
29	29°566	29°650	29°524	47°3	2°8	53°2	41°2	.185		29	29°705	29°791	29°545	47°7	4°3	52°3	42°8	—	29
30	29°592	29°621	29°552	39°5	2°1	45°0	35°3	.330		30	29°614	29°791	29°437	46°9	2°0	51°9	40°0	.045	30
											29°401	29°484	29°289	45°6	2°7	51°0	38°5	.005	31
Maximum fall in one hour } 3 p.m. 11th										Maximum fall in one hour } 9 a.m. 2nd									
0°140										0°115									
NOVEMBER.										DECEMBER.									
1	ins. 29°667	ins. 29°850	ins. 29°490	42°5	1°7	47°1	38°4	in. .140		1	ins. 29°431	ins. 29°472	ins. 29°363	40°1	1°3	46°0	33°5	in. .020	1
2	29°863	29°893	29°823	45°4	2°6	47°6	41°2	.080		2	29°535	29°591	29°437	41°5	1°2	44°9	35°6	.310	2
3	29°900	29°921	29°875	45°7	3°6	47°1	44°4	—		3	29°331	29°561	29°183	47°6	0°8	53°6	33°3	.085	3
4	29°920	29°936	29°908	44°1	3°7	45°1	42°5	.040		4	29°656	29°833	29°364	48°9	1°2	58°8	44°8	—	4
5	30°014	30°106	29°931	45°5	4°1	47°5	43°0	.080		5	29°760	29°828	29°711	48°7	1°1	50°8	45°5	.040	5
6	30°090	30°122	30°063	44°0	4°4	45°9	41°7	.015		6	29°895	29°947	29°798	47°3	1°1	50°5	44°8	.010	6
7	30°005	30°054	29°962	43°3	3°6	44°5	41°0	.110		7	29°679	29°793	29°598	47°9	1°8	50°3	46°4	—	7
8	29°964	29°984	29°944	44°3	4°1	45°4	41°5	.025		8	29°885	29°929	29°781	40°8	2°6	48°6	36°3	—	8
9	29°960	29°981	29°927	45°3	4°5	46°3	44°2	—		9	30°030	30°158	29°895	39°6	2°7	42°7	36°5	—	9
10	29°797	29°911	29°656	45°1	4°0	45°7	44°4	—		10	30°206	30°243	30°167	34°8	1°2	39°4	29°6	—	10
11	29°722	29°819	29°609	46°0	1°9	47°0	44°4	.160		11	30°074	30°165	30°018	37°6	1°8	41°2	30°0	—	11
12	29°722	29°817	29°578	46°0	1°7	46°9	44°4	.040		12	30°071	30°101	30°034	39°6	1°6	41°8	37°2	—	12
13	29°498	29°547	29°380	45°1	1°2	46°5	44°0	.120		13	30°030	30°090	29°942	40°2	2°1	42°1	37°5	—	13
14	29°515	29°751	29°375	48°1	1°9	50°9	42°7	.030		14	30°021	30°166	29°917	40°7	1°9	44°8	37°5	—	14
15	29°653	29°799	29°368	47°6	2°8	53°8	43°5	.240		15	30°203	30°249	30°158	41°8	3°1	46°0	36°3	.010	15
16	29°266	29°722	28°871	49°6	4°2	55°9	44°2	.100		16	30°090	30°218	29°964	44°6	3°8	48°0	41°3	—	16
17	29°319	29°565	29°204	42°5	3°8	46°6	40°1	.010		17	29°959	29°991	29°926	44°9	4°2	50°3	37°7	—	17
18	29°551	29°613	29°429	43°6	2°5	47°1	39°1	.005		18	29°839	29°982	29°657	36°7	1°7	40°0	33°0	—	18
19	29°213	29°406	29°092	46°1	3°4	57°5	37°6	.070		19	29°451	29°637	29°256	42°5	1°3	47°4	35°3	.005	19
20	29°166	29°339	29°045	36°8	2°2	40°5	34°3	.265		20	29°309	29°375	29°209	45°7	1°1	49°3	44°5	.255	20
21	29°605	29°767	29°372	38°8	2°7	41°3	34°4	.165		21	29°065	29°206	28°977	45°1	1°2	46°7	41°9	.045	21
22	29°387	29°514	29°280	49°9	4°2	56°9	40°6	.080		22	29°166	29°395	29°008	45°5	1°0	46°6	44°6	.235	22
23	29°549	29°617	29°467	44°4	4°5	47°7	41°9	—		23	29°400	29°477	29°177	44°8	1°2	45°7	44°0	.025	23
24	29°390	29°449	29°218	42°5	1°8	45°7	37°3	.350		24	29°113	29°358	28°982	41°7	2°1	45°1	35°2	.150	24
25	29°173	29°408	28°963	47°3	2°9	53°9	38°5	.030		25	29°249	29°429	28°947	36°8	2°0	43°1	31°0	.260	25
26	29°127	29°390	28°909	38°4	3°5	42°1	32°1	.005		26	29°331	29°555	29°019	36°2	2°7	40°0	33°0	—	26
27	29°196	29°397	28°974	36°6	2°2	43°0													

FALMOUTH OBSERVATORY.

E 67781.

H

HOURLY and DAILY MEANS of PRESSURE for FIVE-DAY PERIODS.

- LAT. 50° 9' N. LONG. 5° '4 W.

Barometer Cistern 183 feet above Mean Sea Level.

The readings are corrected for temperature, but are not reduced to Mean Sea Level.

[illegible]

Six-day period.

TABLE I.—HOURLY and DAILY MEANS OF PRESSURE for FIVE-DAY PERIODS—continued.

Five-day Periods.	Daily Means (Five Days).	P.M.												Midt.	Five-day Periods.												
		P.M.																									
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.			13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
1888. July 30-4	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	ina.	July 30-4
" 5-9	29.601	29.597	29.597	29.597	29.597	29.597	29.597	29.597	29.597	29.597	29.597	29.597	29.597	29.597	29.597	29.597	29.597	29.597	29.597	29.597	29.597	29.597	29.597	29.597	29.597	" 5-9	
" 10-14	29.683	29.751	29.747	29.747	29.747	29.747	29.747	29.747	29.747	29.747	29.747	29.747	29.747	29.747	29.747	29.747	29.747	29.747	29.747	29.747	29.747	29.747	29.747	29.747	29.747	" 10-14	
" 15-19	29.899	29.866	29.866	29.866	29.866	29.866	29.866	29.866	29.866	29.866	29.866	29.866	29.866	29.866	29.866	29.866	29.866	29.866	29.866	29.866	29.866	29.866	29.866	29.866	29.866	" 15-19	
" 20-24	29.453	29.468	29.468	29.468	29.468	29.468	29.468	29.468	29.468	29.468	29.468	29.468	29.468	29.468	29.468	29.468	29.468	29.468	29.468	29.468	29.468	29.468	29.468	29.468	29.468	" 20-24	
" 25-29	29.579	29.557	29.557	29.557	29.557	29.557	29.557	29.557	29.557	29.557	29.557	29.557	29.557	29.557	29.557	29.557	29.557	29.557	29.557	29.557	29.557	29.557	29.557	29.557	29.557	" 25-29	
Aug. 30-3	29.505	29.514	29.514	29.514	29.514	29.514	29.514	29.514	29.514	29.514	29.514	29.514	29.514	29.514	29.514	29.514	29.514	29.514	29.514	29.514	29.514	29.514	29.514	29.514	29.514	Aug. 30-3	
" 4-8	29.763	29.853	29.853	29.853	29.853	29.853	29.853	29.853	29.853	29.853	29.853	29.853	29.853	29.853	29.853	29.853	29.853	29.853	29.853	29.853	29.853	29.853	29.853	29.853	29.853	" 4-8	
" 9-13	29.886	29.845	29.845	29.845	29.845	29.845	29.845	29.845	29.845	29.845	29.845	29.845	29.845	29.845	29.845	29.845	29.845	29.845	29.845	29.845	29.845	29.845	29.845	29.845	29.845	" 9-13	
" 14-18	29.972	29.978	29.978	29.978	29.978	29.978	29.978	29.978	29.978	29.978	29.978	29.978	29.978	29.978	29.978	29.978	29.978	29.978	29.978	29.978	29.978	29.978	29.978	29.978	29.978	" 14-18	
" 19-23	29.683	29.619	29.619	29.619	29.619	29.619	29.619	29.619	29.619	29.619	29.619	29.619	29.619	29.619	29.619	29.619	29.619	29.619	29.619	29.619	29.619	29.619	29.619	29.619	29.619	" 19-23	
" 24-28	29.626	29.696	29.696	29.696	29.696	29.696	29.696	29.696	29.696	29.696	29.696	29.696	29.696	29.696	29.696	29.696	29.696	29.696	29.696	29.696	29.696	29.696	29.696	29.696	29.696	" 24-28	
Sept. 29-2	29.980	29.990	29.990	29.990	29.990	29.990	29.990	29.990	29.990	29.990	29.990	29.990	29.990	29.990	29.990	29.990	29.990	29.990	29.990	29.990	29.990	29.990	29.990	29.990	29.990	Sept. 29-2	
" 3-7	29.907	29.951	29.951	29.951	29.951	29.951	29.951	29.951	29.951	29.951	29.951	29.951	29.951	29.951	29.951	29.951	29.951	29.951	29.951	29.951	29.951	29.951	29.951	29.951	29.951	" 3-7	
" 8-12	29.155	29.161	29.161	29.161	29.161	29.161	29.161	29.161	29.161	29.161	29.161	29.161	29.161	29.161	29.161	29.161	29.161	29.161	29.161	29.161	29.161	29.161	29.161	29.161	29.161	" 8-12	
" 13-17	29.044	29.031	29.031	29.031	29.031	29.031	29.031	29.031	29.031	29.031	29.031	29.031	29.031	29.031	29.031	29.031	29.031	29.031	29.031	29.031	29.031	29.031	29.031	29.031	29.031	" 13-17	
" 18-22	29.015	29.007	29.007	29.007	29.007	29.007	29.007	29.007	29.007	29.007	29.007	29.007	29.007	29.007	29.007	29.007	29.007	29.007	29.007	29.007	29.007	29.007	29.007	29.007	29.007	" 18-22	
" 23-27	29.881	29.864	29.864	29.864	29.864	29.864	29.864	29.864	29.864	29.864	29.864	29.864	29.864	29.864	29.864	29.864	29.864	29.864	29.864	29.864	29.864	29.864	29.864	29.864	29.864	" 23-27	
Oct. 28-2	29.546	29.475	29.475	29.475	29.475	29.475	29.475	29.475	29.475	29.475	29.475	29.475	29.475	29.475	29.475	29.475	29.475	29.475	29.475	29.475	29.475	29.475	29.475	29.475	29.475	Oct. 28-2	
" 3-7	29.662	29.770	29.770	29.770	29.770	29.770	29.770	29.770	29.770	29.770	29.770	29.770	29.770	29.770	29.770	29.770	29.770	29.770	29.770	29.770	29.770	29.770	29.770	29.770	29.770	" 3-7	
" 8-12	29.072	29.055	29.055	29.055	29.055	29.055	29.055	29.055	29.055	29.055	29.055	29.055	29.055	29.055	29.055	29.055	29.055	29.055	29.055	29.055	29.055	29.055	29.055	29.055	29.055	" 8-12	
" 13-17	29.052	29.074	29.074	29.074	29.074	29.074	29.074	29.074	29.074	29.074	29.074	29.074	29.074	29.074	29.074	29.074	29.074	29.074	29.074	29.074	29.074	29.074	29.074	29.074	29.074	" 13-17	
" 18-22	29.013	29.041	29.041	29.041	29.041	29.041	29.041	29.041	29.041	29.041	29.041	29.041	29.041	29.041	29.041	29.041	29.041	29.041	29.041	29.041	29.041	29.041	29.041	29.041	29.041	" 18-22	
" 23-27	29.896	29.885	29.885	29.885	29.885	29.885	29.885	29.885	29.885	29.885	29.885	29.885	29.885	29.885	29.885	29.885	29.885	29.885	29.885	29.885	29.885	29.885	29.885	29.885	29.885	" 23-27	
Nov. 28-1	29.795	29.759	29.759	29.759	29.759	29.759	29.759	29.759	29.759	29.759	29.759	29.759	29.759	29.759	29.759	29.759	29.759	29.759	29.759	29.759	29.759	29.759	29.759	29.759	29.759	Nov. 28-1	
" 2-6	29.380	29.390	29.390	29.390	29.390	29.390	29.390	29.390	29.390	29.390	29.390	29.390	29.390	29.390	29.390	29.390	29.390	29.390	29.390	29.390	29.390	29.390	29.390	29.390	29.390	" 2-6	
" 7-11	29.439	29.443	29.443	29.443	29.443	29.443	29.443	29.443	29.443	29.443	29.443	29.443	29.443	29.443	29.443	29.443	29.443	29.443	29.443	29.443	29.443	29.443	29.443	29.443	29.443	" 7-11	
" 12-16	29.619	29.705	29.705	29.705	29.705	29.705	29.705	29.705	29.705	29.705	29.705	29.705	29.705	29.705	29.705	29.705	29.705	29.705	29.705	29.705	29.705	29.705	29.705	29.705	29.705	" 12-16	
" 17-21	29.907	29.986	29.986	29.986	29.986	29.986	29.986	29.986	29.986	29.986	29.986	29.986	29.986	29.986	29.986	29.986	29.986	29.986	29.986	29.986	29.986	29.986	29.986	29.986	29.986	" 17-21	
" 22-26	29.919	29.831	29.831	29.831	29.831	29.831	29.831	29.831	29.831	29.831	29.831	29.831	29.831	29.831	29.831	29.831	29.831	29.831	29.831	29.831	29.831	29.831	29.831	29.831	29.831	" 22-26	
Dec. 27-1	29.217	29.283	29.283	29.283	29.283	29.283	29.283	29.283	29.283	29.283	29.283	29.283	29.283	29.283	29.283	29.283	29.283	29.283	29.283	29.283	29.283	29.283	29.283	29.283	29.283	Dec. 27-1	
" 2-6	29.801	29.793	29.793	29.793	29.793	29.793	29.793	29.793	29.793	29.793	29.793	29.793	29.793	29.793	29.793	29.793	29.793	29.793	29.793	29.793	29.793	29.793	29.793	29.793	29.793	" 2-6	
" 7-11	29.953	29.953	29.953	29.953	29.953	29.953	29.953	29.953	29.953	29.953	29.953	29.953	29.953	29.953	29.953	29.953	29.953	29.953	29.953	29.953	29.953	29.953	29.953	29.953	29.953	" 7-11	
" 12-16	29.069	29.115	29.115	29.115	29.115	29.115	29.115	29.115	29.115	29.115	29.115	29.115	29.115	29.115	29.115	29.115	29.115	29.115	29.115	29.115	29.115	29.115	29.115	29.115	29.115	" 12-16	
" 17-21	29.513	29.375	29.375	29.375	29.375	29.375	29.375	29.375	29.375	29.375	29.375	29.375	29.375	29.375	29.375	29.375	29.375	29.375	29.375	29.375	29.375	29.375	29.375	29.375	29.375	" 17-21	
" 22-26	29.342	29.480	29.480	29.480	29.480	29.480	29.480	29.480	29.480	29.480	29.480	29.480	29.480	29.480	29.480	29.480	29.480	29.480	29.480	29.480	29.480	29.480	29.480	29			

* Probable.

TABLE II.
HOURLY and DAILY MEANS of TEMPERATURE for FIVE-DAY PERIODS.
FALMOUTH OBSERVATORY - - - - - LAT. 50° 9' N. LONG. 5° 4' W.
Dry-bulb Thermometer 4 feet above Ground.

Five-day Periods.	A.M.												Noon.		P.M.								Midt.	Daily Means (Five Days).	Five-day Periods.			
													12.	11.	10.	9.	8.	7.	6.	5.	4.	3.				2.	1.	
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.											12.	13.	14.			15.
1888.																												
Jan. 1-5	44.9	45.4	45.3	44.7	44.5	44.3	43.8	43.9	44.0	44.4	45.0	45.5	45.4	45.3	45.2	45.3	44.9	44.6	44.4	44.3	44.3	45.1	45.4	45.5	45.4	44.8	1888. 1-5	
" 6-10	45.0	45.1	45.3	44.9	44.9	45.4	45.8	45.4	45.8	45.8	46.4	47.1	47.0	47.9	48.4	47.5	47.3	47.1	46.6	46.4	46.1	46.0	45.9	45.9	45.7	46.3	" 6-10	
" 11-15	41.9	41.8	41.2	41.3	40.9	40.4	40.7	40.4	40.0	40.1	40.4	40.2	40.0	40.4	40.3	40.8	40.6	40.8	40.5	40.3	40.4	39.6	39.6	39.6	40.5	" 11-15		
" 16-20	40.3	40.3	40.2	40.1	40.2	40.4	40.7	40.8	40.8	41.3	41.7	42.1	42.2	42.3	42.6	42.3	41.8	41.9	42.2	42.6	42.7	42.7	42.8	43.0	43.5	41.7	" 16-20	
" 21-25	46.0	46.7	46.5	46.1	45.9	45.7	45.5	45.4	46.2	46.8	47.7	47.8	47.8	48.1	48.1	48.1	47.9	46.9	46.4	46.3	46.0	46.3	45.7	45.1	46.5	" 21-25		
" 26-30	39.3	38.1	37.7	36.8	36.8	36.5	35.4	35.5	36.2	37.9	39.3	40.1	40.5	40.3	40.0	39.7	39.7	39.1	38.6	38.6	38.1	38.0	37.6	37.8	37.4	38.0	" 26-30	
Feb. 31-4	37.1	37.2	37.3	37.1	37.5	38.1	37.9	37.7	37.7	38.1	39.4	41.2	42.2	42.7	42.6	42.4	41.6	40.7	39.9	38.9	39.0	39.8	39.4	39.4	39.0	39.4	Feb. 31-4	
" 5-9	45.6	45.3	44.8	45.0	44.9	45.3	45.2	45.3	45.2	45.7	46.7	47.3	47.8	47.8	47.6	47.4	47.2	46.3	45.9	45.4	45.2	45.6	45.7	45.8	46.0	46.0	" 5-9	
" 10-14	39.3	39.3	39.0	38.7	38.7	38.3	38.5	38.5	38.2	39.1	39.6	41.2	42.4	42.5	42.0	42.6	42.7	41.2	39.7	38.0	38.1	37.8	37.8	37.4	37.4	39.6	" 10-14	
" 15-19	35.9	36.1	35.2	34.6	33.9	33.9	33.5	34.1	34.2	35.4	36.6	37.0	37.6	37.6	38.4	37.7	37.7	37.4	36.6	36.2	36.4	36.2	35.7	35.3	35.3	36.0	" 15-19	
" 20-24	33.6	33.7	33.3	33.3	32.7	32.4	32.1	32.1	31.8	32.4	33.1	33.7	34.1	34.2	34.1	34.1	33.9	33.5	32.9	32.6	32.3	32.3	31.7	31.8	32.9	32.9	" 20-24	
" 25-1 st	31.2	30.8	30.8	31.0	30.7	30.2	29.6	29.4	29.5	30.8	32.1	33.3	34.5	35.5	35.8	36.4	35.8	35.1	34.2	33.9	33.3	33.1	32.8	32.3	32.3	32.5	" 25-1 st	
March 2-6	38.1	38.0	38.1	37.7	37.1	37.4	37.6	37.3	37.0	38.9	40.4	41.9	41.8	43.1	43.4	43.0	42.7	42.0	40.5	39.1	38.3	38.5	39.1	39.1	39.1	39.6	March 2-6	
" 7-11	46.0	46.8	47.0	47.2	46.5	46.2	45.8	45.7	46.3	47.5	48.3	49.2	49.5	50.3	50.2	50.4	49.2	48.4	47.6	47.0	46.3	46.6	46.5	46.7	47.5	47.5	" 7-11	
" 12-16	41.1	40.6	40.2	39.5	39.1	38.8	38.1	38.1	38.1	39.9	42.4	43.0	44.1	44.8	45.5	45.8	44.7	43.9	42.3	41.4	40.6	40.6	39.9	40.4	39.6	41.5	" 12-16	
" 17-21	33.8	33.4	33.0	32.8	32.2	32.1	32.2	32.8	33.9	35.1	36.1	37.2	37.7	38.7	39.1	39.6	39.5	39.5	38.6	37.3	36.3	36.1	35.6	34.8	34.2	35.7	" 17-21	
" 22-26	38.3	38.3	38.2	38.9	38.8	38.9	38.5	38.7	39.9	40.7	41.5	42.0	41.3	42.3	41.7	41.1	40.6	39.9	39.1	38.4	38.0	37.4	37.5	37.4	38.1	39.4	" 22-26	
" 27-31	39.4	39.7	39.8	39.8	39.0	39.3	38.6	39.2	39.7	41.4	42.2	43.4	43.6	44.8	43.0	43.0	44.0	43.6	42.1	41.5	41.1	40.7	40.7	40.9	40.5	41.2	" 27-31	
April 1-5	36.9	36.3	36.7	36.6	36.6	36.9	36.1	36.5	38.3	39.7	40.4	41.9	42.4	43.2	42.9	43.0	42.7	41.9	41.0	40.0	39.1	38.1	37.4	36.7	35.8	39.1	April 1-5	
" 6-10	36.5	37.4	36.4	36.5	36.5	36.6	36.5	37.2	39.5	41.5	42.3	43.2	43.3	43.4	43.4	43.2	43.0	42.4	41.5	40.3	39.0	39.1	38.7	38.5	38.2	39.8	" 6-10	
" 11-15	46.2	46.1	46.2	46.4	46.1	46.2	46.5	46.8	47.8	49.0	49.1	50.4	50.8	51.2	51.3	51.9	50.5	50.3	49.2	47.7	46.3	46.3	46.2	46.0	46.1	48.0	" 11-15	
" 16-20	45.8	45.8	45.8	45.9	45.2	45.8	45.9	46.9	48.1	49.1	50.3	50.9	50.9	50.7	50.6	50.2	49.5	49.2	47.9	46.7	45.9	45.8	46.0	46.3	46.2	47.6	" 16-20	
" 21-25	44.3	44.1	43.3	43.2	42.9	42.5	42.2	42.5	43.1	44.3	45.0	46.0	46.7	47.8	48.2	47.7	47.4	47.5	46.9	46.6	45.8	45.5	45.0	44.4	43.6	45.1	" 21-25	
" 26-30	44.4	44.3	43.7	43.2	43.3	43.1	43.7	45.4	47.1	49.1	49.9	50.5	50.9	51.1	50.8	49.9	49.7	49.3	48.2	47.3	46.5	46.5	46.1	45.8	45.8	47.0	" 26-30	
May 1-5	44.6	45.2	45.1	45.0	44.9	45.3	45.9	47.3	47.1	48.7	49.4	50.6	50.7	52.3	52.1	51.6	50.9	50.0	48.7	47.3	45.2	45.0	44.6	44.7	44.4	47.5	May 1-5	
" 6-10	47.4	47.3	47.4	47.7	47.9	48.2	49.1	50.6	52.2	53.2	54.4	54.8	54.8	55.7	55.5	55.2	55.4	52.8	51.8	50.2	49.0	48.3	47.7	47.4	47.4	50.8	" 6-10	
" 11-15	44.0	44.0	43.5	43.6	43.8	43.5	45.1	48.3	50.2	51.6	51.7	52.2	52.0	52.8	53.3	52.4	51.6	50.3	49.2	48.8	46.8	45.5	44.5	44.5	43.9	48.0	" 11-15	
" 16-20	40.8	40.9	40.8	40.7	40.7	40.2	41.1	45.3	53.3	53.8	54.4	54.9	55.5	54.7	55.0	55.5	55.6	55.4	54.3	53.0	51.5	50.5	50.3	50.2	50.2	52.4	" 16-20	
" 21-25	51.7	51.6	51.2	50.6	50.5	50.5	52.6	54.4	56.6	58.4	58.9	59.2	60.1	60.2	59.5	60.9	60.2	59.4	59.2	58.0	56.0	54.6	53.6	53.0	52.0	55.7	" 21-25	
" 26-30	49.7	49.5	49.1	49.2	49.5	49.5	50.1	51.6	52.3	53.2	53.5	54.4	54.8	55.6	54.4	54.7	53.7	53.6	52.9	52.2	50.6	50.5	50.0	49.7	51.8	" 26-30		
June 31-4	51.8	52.2	51.9	51.5	51.0	51.4	52.0	55.0	56.0	57.0	58.0	58.8	58.8	58.8	58.8	59.1	58.9	58.2	57.8	56.7	54.6	53.6	53.4	53.4	53.4	55.3	June 31-4	
" 5-9	55.3	55.3	55.1	55.2	55.1	55.1	55.3	55.9	55.7	56.8	57.6	57.1	57.0	56.8	57.3	56.7	55.8	54.9	54.8	54.2	53.5	53.1	52.6	52.7	52.8	54.6	" 5-9	
" 10-14	50.0	49.7	49.5	49.2	49.2	49.6	50.8	53.4	54.5	56.0	56.3	56.7	57.3	57.9	58.0	58.3	58.0	57.5	56.2	55.5	53.2	52.9	52.6	52.5	52.5	53.5	" 10-14	
" 15-19	52.3	52.3	52.3	52.3	52.3	52.3	52.6	54.4	56.0	57.8	58.8	59.2	60.1	60.5	60.8	60.5	60.4	60.2	59.0	58.1	55.9	54.1	53.7	53.1	52.7	55.9	" 15-19	
" 20-24	53.4	53.4	53.8	53.3	52.3	52.6	53.6	56.3	58.1	59.6	60.8	60.5	60.2	60.4	62.0	61.3	60.9	61.4	61.4	59.8	59.1	57.5	56.6	55.5	54.6	57.2	" 20-24	
" 25-29	55.2	55.2	55.0	55.4	55.6	55.8	57.0	58.7	59.6	60.2	61.0	60.9	60.7	61.0	61.5	62.0	61.4	61.2	59.6	58.9	57.7	56.5	55.7	55.0	54.6	58.3	" 25-29	

* Six-day period.

TABLE II.—HOURLY and DAILY MEANS OF TEMPERATURE for FIVE-DAY PERIODS—continued.

Five-day Periods.	A.M.												Noon.		P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.
													12.																
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.																	
1888. July 30-4	55.5	55.3	55.2	55.3	55.0	55.2	56.1	57.4	58.3	59.6	60.1	60.7	61.2	60.2	60.8	60.5	59.8	59.3	58.0	57.5	56.0	55.0	55.2	54.8	55.1	57.5	57.5	1888. July 30-4	
" 5-9	54.5	54.3	53.8	53.8	53.1	53.2	54.2	56.4	58.5	60.5	61.6	61.9	60.8	61.6	61.2	60.2	59.2	61.4	60.4	59.0	58.0	55.2	54.0	54.0	54.8	57.6	57.6	" 5-9	
" 10-14	52.8	52.5	52.5	52.5	52.0	52.0	52.3	53.5	54.0	55.0	56.4	57.6	57.8	57.8	57.7	57.7	57.8	57.4	56.9	56.2	55.0	53.7	52.9	52.5	52.5	52.1	54.3	54.3	" 10-14
" 15-19	54.6	54.6	54.0	54.2	53.9	54.0	54.4	55.2	55.4	56.7	58.3	59.8	59.7	59.8	59.5	59.0	58.5	59.0	57.6	57.2	56.7	55.9	55.4	55.7	55.9	56.6	56.6	" 15-19	
" 20-24	56.6	56.8	56.6	56.8	56.9	57.0	57.8	58.8	59.4	61.1	61.4	62.3	62.5	62.5	61.7	61.8	61.8	61.4	60.2	60.0	59.1	57.7	57.2	56.6	56.2	56.5	59.0	59.0	" 20-24
" 25-29	55.7	55.6	55.5	55.5	55.1	55.2	55.6	56.2	56.9	57.6	58.4	59.1	59.0	59.5	59.6	59.6	59.8	60.0	59.1	58.6	58.0	56.5	55.6	55.4	55.7	55.2	57.1	57.1	" 25-29
Aug. 30-3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	Aug.
" 4-8	56.4	56.3	56.7	56.5	56.3	56.0	56.1	57.2	58.0	59.0	59.6	60.1	60.6	61.6	61.9	61.9	61.5	60.5	60.2	59.2	57.9	55.5	53.5	53.2	53.2	52.9	55.8	55.8	" 4-8
" 9-13	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	" 9-13
" 14-18	52.4	51.7	52.1	51.9	52.1	51.8	52.3	54.9	56.4	58.4	58.8	59.4	60.0	60.4	60.5	60.6	60.1	59.3	58.5	57.5	55.6	54.3	52.6	52.4	53.9	53.9	53.9	53.9	" 14-18
" 19-23	55.4	55.3	55.4	55.6	55.6	55.9	56.1	57.7	59.0	59.9	60.4	61.4	61.2	61.2	61.4	61.4	61.1	60.5	60.3	59.8	59.0	58.1	57.1	56.9	56.5	55.7	58.4	58.4	" 19-23
" 24-28	56.9	57.1	57.1	57.1	57.0	57.9	57.7	58.8	59.2	60.3	62.0	62.9	62.9	62.9	62.9	62.9	62.9	62.4	60.2	59.0	58.1	57.1	57.3	56.9	56.5	55.7	59.2	59.2	" 24-28
Sept. 29-2	52.6	52.9	52.8	52.4	52.4	51.8	52.4	54.2	57.1	57.5	58.5	58.3	58.6	59.9	60.0	60.4	59.3	58.6	57.5	55.7	54.1	53.1	52.1	52.3	52.8	52.6	55.5	55.5	Sept.
" 3-7	55.2	54.9	54.8	54.3	54.1	54.0	53.8	55.5	57.0	58.2	59.1	60.1	60.0	60.8	60.7	60.9	59.6	59.0	57.8	56.6	55.8	55.7	55.2	55.1	54.7	56.9	56.9	56.9	" 3-7
" 8-12	49.9	49.4	48.7	49.1	48.0	47.8	47.8	48.9	51.9	54.6	55.9	56.6	56.9	58.5	57.6	57.7	57.1	57.1	56.8	55.4	53.3	51.8	51.6	49.9	49.3	49.8	53.7	53.7	" 8-12
" 13-17	54.5	54.2	54.5	54.6	54.5	54.3	54.0	54.9	57.9	58.8	60.0	60.6	60.9	61.5	61.7	61.2	60.0	59.0	59.0	57.8	56.4	55.7	54.8	54.6	54.6	57.0	57.0	57.0	" 13-17
" 18-22	54.4	53.8	54.0	54.2	53.5	53.5	52.8	53.3	54.9	57.1	58.4	58.8	59.1	59.6	59.7	59.9	59.9	59.7	59.2	57.9	56.8	55.7	54.8	54.4	54.0	56.2	56.2	56.2	" 18-22
" 23-27	54.3	54.4	54.2	54.0	53.8	53.6	53.6	53.8	54.5	56.0	56.4	57.0	57.2	57.5	58.0	57.7	57.7	57.7	57.4	56.8	56.5	56.2	55.5	55.5	55.5	55.6	55.8	55.8	" 23-27
Oct. 28-2	51.9	51.9	51.3	50.7	50.3	50.3	50.3	50.4	51.4	53.6	54.2	54.9	55.1	55.3	55.5	55.4	55.4	54.8	53.5	51.7	49.9	49.5	48.5	48.6	48.5	51.9	51.9	51.9	Oct.
" 3-7	45.3	45.3	45.9	45.3	45.3	45.9	45.9	44.2	45.4	47.6	49.3	50.0	49.0	49.8	50.3	50.1	49.1	49.1	48.5	47.2	47.3	46.5	46.1	46.1	46.1	46.3	46.3	46.3	" 3-7
" 8-12	48.1	48.0	47.4	47.3	47.3	47.2	47.8	47.5	48.7	50.8	52.6	53.7	53.9	54.4	54.5	54.8	54.8	53.5	52.3	50.6	49.8	49.6	48.8	48.5	47.9	50.1	50.1	50.1	" 8-12
" 13-17	45.8	46.0	45.6	44.7	44.9	44.9	44.3	44.9	47.0	49.1	51.2	52.4	52.7	53.4	53.0	52.8	52.3	52.3	50.7	48.8	48.4	47.6	47.4	47.3	46.7	48.3	48.3	48.3	" 13-17
" 18-22	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	" 18-22
" 23-27	54.4	54.6	54.5	54.8	55.0	54.9	55.4	55.6	56.0	57.0	57.9	58.7	58.8	59.2	58.6	58.6	58.0	57.4	56.9	56.1	55.5	55.5	55.4	55.6	55.7	55.6	56.3	56.3	" 23-27
Nov. 28-1	52.7	52.5	52.2	52.5	52.3	52.1	52.2	52.2	51.6	52.8	53.4	54.3	54.1	53.9	54.5	54.5	54.3	53.6	52.3	51.4	51.2	51.0	50.6	49.8	49.8	50.2	52.3	52.3	Nov.
" 2-6	47.7	48.1	47.4	47.5	47.7	47.8	47.8	47.4	47.2	48.5	49.3	50.4	50.4	50.9	50.9	50.9	50.8	50.1	49.4	48.8	48.3	47.9	47.6	47.5	47.5	48.5	48.5	48.5	" 2-6
" 7-11	48.2	47.6	47.6	47.2	47.0	47.5	47.5	47.9	48.2	49.7	50.5	51.2	51.1	51.3	51.2	51.2	51.4	50.6	50.7	51.2	51.6	51.2	51.1	51.0	50.8	49.9	49.7	49.7	" 7-11
" 12-16	51.8	51.8	51.9	52.1	52.4	52.6	52.3	52.1	52.3	53.3	54.1	54.6	55.0	54.7	53.9	53.9	53.6	53.1	52.8	52.6	52.4	52.5	52.2	52.2	51.6	52.9	52.9	52.9	" 12-16
" 17-21	50.2	50.0	49.7	50.0	49.2	49.3	48.7	49.7	49.4	50.3	51.2	52.3	52.4	52.1	51.9	51.8	51.8	51.1	51.0	50.5	50.8	50.4	50.4	49.9	49.6	50.5	50.5	50.5	" 17-21
" 22-26	50.6	50.7	50.2	50.5	50.8	50.9	50.6	50.1	50.0	50.5	51.3	52.6	52.4	52.9	52.3	52.6	52.6	52.1	52.0	51.8	51.9	51.9	50.9	50.7	50.9	50.9	51.3	51.3	" 22-26
Dec. 27-1	46.4	46.7	46.1	45.7	45.2	45.6	44.9	45.4	44.5	45.5	46.4	47.8	48.4	48.7	48.0	47.2	46.8	46.8	45.8	45.8	45.9	45.0	44.8	45.1	46.0	46.7	46.2	46.2	Dec.
" 2-6	52.8	52.7	52.9	52.8	52.8	53.0	53.0	53.1	52.7	53.2	53.4	53.9	54.2	54.4	54.3	53.8	53.4	53.4	53.2	53.0	52.9	52.6	52.7	52.7	52.8	52.8	52.8	52.8	" 2-6
" 7-11	47.6	47.6	47.6	47.6	47.2	47.2	47.0	46.9	46.7	47.3	48.2	49.0	49.2	49.4	49.1	49.1	49.1	48.7	48.1	47.7	47.2	47.2	47.4	47.2	46.8	46.5	47.7	47.7	" 7-11
" 12-16	44.5	44.7	44.9	44.3	43.6	43.8	43.6	43.3	43.0	43.3	43.0	44.4	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	" 12-16
" 17-21	47.0	47.3	47.3	47.6	47.9	48.1	47.3	47.3	47.0	47.0	47.5	48.4	49.1	49.6	49.8	49.8	49.8	48.5	48.1	47.5	47.7	48.1	48.6	48.8	49.1	48.1	48.1	48.1	" 17-21
" 22-26	45.7	45.7	45.5	45.9	45.6	45.6	45.1	46.7	46.5	47.2	46.8	48.2	48.2	48.5	47.8	47.3	47.3	46.6	46.0	45.4	45.0	44.2	44.1	44.8	44.8	44.4	46.1	46.1	" 22-26
" 27-31	40.6	40.5	39.4	39.7	39.6	39.9	39.9	40.2	40.1	40.5	41.4	42.7	43.8	44.3	44.5	44.5	44.3	43.4	43.4	43.1	42.1	41.6	41.1	40.9	40.7	40.2	41.4	41.4	" 27-31

TABLE III.

HOURLY and DAILY MEAN DIFFERENCE between the DRY and WET-BULB THERMOMETERS for FIVE-DAY PERIODS.
FALMOUTH OBSERVATORY LAT. 50° 9' N. LONG. 5° 4' W.

Five-day Periods.	A.M.												Noon.				P.M.								Midt. Means (Five Days).	Five-day Periods.	
	Midt.												Midt.				Midt.										
	6.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.			24.
1888. Jan. 1-5	2.3	2.0	1.8	1.8	1.9	1.7	1.7	1.7	1.7	1.9	1.7	2.0	2.3	2.2	2.2	2.0	2.0	2.0	1.8	1.6	1.6	1.7	1.6	1.7	1.8	1888. Jan. 1-5	
" 6-10	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.6	0.5	0.5	0.7	0.4	0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.4	0.3	0.3	0.4	" 6-10	
" 11-15	0.9	1.0	0.9	1.0	1.1	1.3	1.3	1.1	0.8	0.9	0.9	0.8	1.2	1.2	1.3	1.4	1.4	1.4	1.5	1.4	1.5	1.3	1.2	1.3	1.1	" 11-15	
" 16-20	1.9	1.8	1.5	1.5	1.3	1.6	1.6	1.7	1.7	1.6	1.8	1.7	1.6	1.6	1.6	1.5	1.6	1.5	1.5	1.6	1.4	1.5	1.2	1.4	1.6	" 16-20	
" 21-25	0.4	0.6	0.8	0.7	0.7	0.7	0.7	0.7	0.9	1.1	1.2	1.5	1.4	1.5	1.5	1.3	1.3	1.1	0.8	0.7	0.4	0.5	0.8	0.8	0.9	" 21-25	
" 26-30	2.9	2.6	2.7	2.7	3.1	3.5	2.9	3.1	3.3	3.9	4.0	4.5	4.7	4.6	4.0	4.0	3.7	3.1	3.0	2.6	2.4	2.5	2.5	2.3	3.2	" 26-30	
Feb. 31-4	2.0	2.0	1.6	1.7	1.8	1.8	1.6	1.6	1.7	2.4	3.1	3.3	3.5	3.6	3.5	3.1	2.9	2.5	2.0	1.7	2.1	1.9	2.0	1.8	2.3	Feb. 31-4	
" 5-9	2.1	1.8	2.4	2.4	2.2	2.2	2.4	2.4	2.2	2.8	2.5	2.8	2.5	2.3	2.0	2.3	1.9	1.9	1.9	1.7	1.9	1.8	2.0	2.3	2.3	" 5-9	
" 10-14	1.8	1.7	1.6	2.0	2.1	1.6	2.0	2.0	2.2	2.3	2.7	3.3	3.3	2.9	3.4	3.4	2.7	2.2	1.7	1.8	1.5	2.0	2.1	2.3	2.3	" 10-14	
" 15-19	2.6	2.7	2.7	3.0	3.1	3.6	2.9	3.2	3.0	3.4	3.3	3.4	3.3	3.4	3.0	3.2	3.4	2.9	2.6	2.8	2.4	2.5	2.3	2.1	3.0	" 15-19	
" 20-24	2.6	2.5	2.1	2.3	2.0	2.1	2.0	2.2	1.9	2.2	2.8	3.0	3.2	3.4	3.3	3.3	3.2	2.8	2.8	2.7	2.6	2.5	2.5	2.5	2.6	" 20-24	
" 25-31	1.7	1.6	1.6	1.6	1.5	1.4	1.4	1.5	1.5	1.7	2.3	2.7	3.0	3.2	3.2	3.3	3.2	2.8	2.8	2.1	2.4	2.1	2.0	1.8	1.7	" 25-31	
March 2-6	2.0	1.9	1.8	1.8	1.8	1.8	2.0	1.8	1.7	3.1	3.8	3.7	3.9	4.3	4.1	4.1	3.9	3.1	2.2	1.8	1.5	1.4	1.3	1.5	2.5	March 2-6	
" 7-11	0.4	0.5	0.6	0.6	0.7	1.0	1.0	1.1	1.4	1.7	2.1	2.4	2.7	3.3	3.5	2.9	2.5	2.3	1.8	1.3	1.3	1.3	1.2	1.1	1.6	" 7-11	
" 12-16	1.8	2.0	1.9	1.7	1.4	1.3	1.5	1.6	2.6	2.4	2.2	2.8	2.9	3.5	3.8	3.1	3.2	2.6	2.0	2.0	1.8	1.7	2.0	1.9	2.3	" 12-16	
" 17-21	3.2	3.1	2.8	2.7	2.5	2.4	2.3	2.5	2.7	3.1	3.5	4.1	4.3	4.6	4.8	4.8	4.6	4.2	3.3	3.0	2.9	2.7	2.9	2.7	3.4	" 17-21	
" 22-26	1.0	0.9	1.2	1.6	1.5	1.6	1.6	1.7	1.7	1.8	1.9	1.4	1.6	1.6	1.6	1.7	1.4	1.6	1.2	1.2	1.0	1.0	0.6	0.7	1.4	" 22-26	
" 27-31	1.2	1.1	1.2	1.2	1.0	1.1	0.8	1.1	1.4	1.6	1.7	2.2	2.4	2.5	2.1	2.4	2.5	2.0	1.8	1.7	1.7	1.7	1.6	1.4	1.7	" 27-31	
April 1-5	1.8	1.4	1.9	2.0	2.3	2.3	1.9	1.9	2.2	2.4	3.0	3.8	4.3	4.1	4.1	3.9	3.8	3.4	2.8	2.2	1.8	1.7	1.7	2.0	2.7	April 1-5	
" 6-10	1.6	2.0	1.6	1.8	1.5	1.9	1.8	1.8	2.9	3.6	4.5	4.9	5.2	5.1	5.2	4.8	4.6	4.2	3.7	3.1	2.7	2.2	1.8	1.4	1.2	3.0	" 6-10
" 11-15	1.3	1.0	1.0	1.0	0.9	1.0	0.9	1.3	1.5	1.9	2.0	2.1	2.4	2.7	3.1	3.2	3.5	3.2	2.3	1.7	1.8	1.7	1.6	1.5	1.8	" 11-15	
" 16-20	1.4	1.4	1.5	1.4	1.2	1.4	1.6	1.9	2.4	2.7	3.4	4.0	3.2	3.1	3.0	2.9	2.6	2.6	2.3	1.8	1.6	1.4	1.5	1.5	2.1	" 16-20	
" 21-25	1.2	1.1	1.2	1.1	1.3	1.3	1.6	2.0	2.3	2.7	2.4	2.6	2.6	2.6	2.5	2.1	2.0	2.0	1.8	2.0	1.8	1.9	1.8	1.6	1.9	" 21-25	
" 26-30	1.9	1.7	1.7	1.6	1.3	1.3	1.5	1.9	2.5	3.3	3.8	3.7	3.4	3.4	3.6	3.3	3.3	2.7	2.6	2.5	1.9	1.7	1.6	1.5	2.3	" 26-30	
May 1-5	1.8	1.9	2.1	1.8	1.9	2.0	2.2	2.5	2.4	3.1	3.5	4.1	4.3	4.7	4.7	5.4	5.2	4.8	4.4	3.6	2.3	2.3	1.9	1.6	1.7	3.1	May 1-5
" 6-10	0.6	0.7	0.7	0.9	1.0	0.6	0.8	0.8	0.9	2.1	2.5	2.7	3.2	3.8	3.5	3.4	2.8	2.6	2.6	2.0	1.6	1.6	1.3	1.3	1.4	1.9	" 6-10
" 11-15	2.2	1.9	1.8	1.6	1.8	1.5	2.2	3.2	4.6	5.0	4.9	4.8	4.9	5.1	6.4	6.1	5.5	4.8	4.7	3.6	3.1	2.5	2.1	2.0	1.7	3.5	" 11-15
" 16-20	1.1	1.0	1.0	0.9	0.8	0.6	0.9	1.2	1.6	1.6	1.6	1.7	1.8	2.1	2.3	2.7	3.2	3.0	2.3	1.7	1.1	0.8	0.8	0.6	0.7	1.5	" 16-20
" 21-25	2.9	2.8	2.9	3.1	3.1	2.7	3.8	4.2	5.1	5.7	5.7	6.0	6.8	6.8	6.6	7.3	7.5	6.6	6.6	5.4	4.3	4.1	3.7	3.6	3.3	4.8	" 21-25
" 26-30	1.6	1.5	1.5	1.4	1.5	1.4	1.7	2.1	2.4	2.7	3.0	3.0	3.5	3.9	3.6	3.7	3.3	2.9	3.0	2.6	1.9	1.6	1.7	1.6	1.6	2.4	" 26-30
June 31-4	1.6	1.4	1.3	1.0	0.8	1.0	1.8	2.4	3.0	3.5	3.9	3.8	3.9	4.0	4.0	4.3	3.9	3.7	3.1	2.1	1.6	1.5	1.5	1.6	2.6	June 31-4	
" 5-9	0.8	0.6	0.4	0.5	0.6	0.5	0.5	0.8	1.7	2.2	2.4	2.3	1.8	2.2	2.2	2.2	1.8	1.7	1.7	1.4	1.0	0.9	0.7	0.6	1.2	" 5-9	
" 10-14	1.4	1.0	1.1	0.8	0.7	0.6	1.1	2.4	3.0	3.6	4.1	4.5	4.7	5.1	5.5	5.5	6.0	5.3	5.0	4.1	2.9	1.7	1.6	1.3	1.3	3.0	" 10-14
" 15-19	1.4	1.1	1.2	1.2	1.0	1.3	1.8	2.4	3.4	4.2	4.5	4.2	4.9	5.0	4.7	4.6	5.1	5.3	4.4	3.4	2.7	2.0	1.5	1.8	1.6	3.0	" 15-19
" 20-24	1.8	1.6	1.5	1.5	1.7	1.8	1.7	2.1	3.0	3.8	3.7	3.8	3.5	3.6	4.5	3.8	4.1	4.3	3.7	3.3	2.4	2.4	1.9	1.9	1.5	2.8	" 20-24
" 25-29	0.9	0.9	0.8	0.8	1.0	1.0	1.3	2.1	2.9	3.2	3.2	4.0	3.4	3.6	4.3	4.1	4.0	3.8	3.3	2.7	2.1	1.5	1.1	1.0	2.3	" 25-29	

* Probable.

† Six-day period.

TABLE IV.—MEAN HOURLY and DAILY WIND
FALMOUTH OBSERVATORY

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1888.																								
Jan. 1-5	-20.2	+5.7	-19.3	+1.1	-19.0	+0.1	-17.2	-2.4	-19.1	-2.2	-15.7	-0.2	-16.2	+1.5	-14.5	+2.7	-14.6	+2.3	-14.1	+1.8	-18.0	-0.3	-12.2	-1.1
" 6-10	-4.3	-5.6	-4.0	-5.6	-3.7	-4.7	-5.3	-3.7	-2.7	-4.3	-5.1	-3.4	-5.8	-3.4	-8.0	-2.0	-9.1	-0.8	-9.7	-5.4	-10.6	-7.7	-8.3	-7.1
" 11-15	-0.9	+9.1	+3	+8.6	-0.3	+8.6	-0.1	+8.1	-1.3	+9.9	-2.6	+9.1	+0.7	+8.8	+1.7	+8.1	+1.5	+9.1	+2.7	+8.1	+3.6	+8.7	+2.4	+7.4
" 16-20	-2.9	+15.2	-1.4	+15.3	-0.6	+15.3	-1.4	+15.8	0.0	+17.6	-0.8	+18.1	-3.6	+15.9	-2.9	+17.3	-3.4	+15.5	-3.0	+15.7	-3.0	+14.5	-3.1	+15.1
" 21-25	-2.1	-12.7	-2.4	-11.8	-3.6	-12.1	-4.3	-11.3	-5.0	-11.4	-5.2	-11.3	-3.5	-12.8	-2.0	-12.0	-0.2	-12.1	-1.1	-12.2	-1.5	-13.1	-4.6	-13.0
" 26-30	+9.2	-6.8	+10.4	-6.9	+9.0	-8.0	+9.0	-7.9	+10.4	-8.4	+11.0	-7.1	+10.1	-7.9	+10.3	-8.2	+9.1	-7.3	+11.5	-6.7	+13.8	-8.7	+11.4	-8.1
Feb. 31-4	+5.7	-8.0	+5.7	-8.3	+5.7	-9.6	+6.4	-10.4	+8.4	-8.0	+7.1	-7.2	+7.2	-5.7	+9.5	-7.0	+10.0	-4.9	+9.6	-5.0	+8.9	-5.9	+8.7	-7.5
" 5-9	+9.8	-6.8	+8.1	-6.8	+8.8	-7.8	+11.3	-7.6	+12.0	-9.7	+14.6	-9.3	+14.7	-9.6	+12.2	-10.1	+14.6	-11.1	+14.0	-12.9	+17.5	-13.2	+17.8	-13.1
" 10-14	+7.5	-13.7	+9.8	-11.5	+8.9	-9.6	+8.9	-9.8	+6.3	-7.1	+6.1	-7.3	+6.5	-7.1	+5.5	-6.6	+6.6	-6.2	+5.3	-8.0	+3.9	-8.4	+2.0	-12.7
" 15-19	+16.5	-0.8	+17.2	-0.3	+17.6	-0.5	+15.2	-0.6	+14.3	-1.9	+13.1	-2.3	+14.4	-1.6	+15.2	-0.8	+16.2	-2.2	+21.1	-1.3	+23.0	-1.6	+20.7	-0.3
" 20-24	+18.0	+6.3	+16.5	+8.1	+16.5	+6.2	+15.7	+5.6	+14.8	+4.2	+15.4	+3.2	+17.6	+3.6	+16.5	+6.8	+16.6	+6.2	+16.6	+7.6	+18.7	+9.2	+17.7	+6.7
" 25-1*	+12.0	+5.3	+11.8	+5.0	+11.0	+5.6	+12.2	+5.4	+11.3	+5.4	+13.7	+5.6	+13.1	+5.6	+13.1	+5.3	+13.6	+4.7	+13.4	+6.0	+13.2	+6.2	+11.8	+4.4
March 2-6	+8.4	-3.7	+8.1	-1.3	+7.4	-2.2	+8.2	-2.4	+8.9	-2.3	+9.0	-3.0	+5.6	-1.7	+6.0	-2.6	+6.6	-3.4	+7.3	-3.2	+10.6	-3.4	+8.4	-8.5
" 7-11	-20.8	-12.8	-24.0	-12.2	-25.0	-13.3	-23.7	-16.7	-24.9	-18.5	-25.5	-19.5	-37.0	+22.1	-21.2	-24.4	-20.7	-27.1	-18.2	-27.8	-18.2	-26.8	-21.0	-26.8
" 12-16	-5.6	-10.6	-4.3	-9.7	-5.1	-6.4	-1.1	-4.7	-2.8	-2.5	-0.9	-0.1	-0.7	+0.1	-0.7	-1.0	-0.9	-4.3	-1.2	-4.7	+1.7	-4.9	-3.1	-6.7
" 17-21	+14.2	+2.5	+15.2	+1.5	+17.3	+2.0	+16.9	+1.4	+18.9	+0.5	+19.1	+1.0	+18.3	+2.4	+21.1	+2.3	+21.9	+3.6	+22.3	+3.1	+24.1	+2.2	+24.4	+0.8
" 22-26	+5.6	-9.2	+3.4	-8.6	+1.6	-3.2	+1.7	-6.3	+4.0	-3.4	+1.5	-5.9	+2.2	-9.8	+1.3	-4.1	+3.0	-5.1	+2.3	-6.2	+2.9	-2.0	+0.9	-4.0
" 27-31	+2.4	-2.4	+3.4	-0.1	-0.9	-4.0	-2.1	-2.7	-1.8	-2.5	-0.8	-4.0	-0.5	-2.3	+2.3	-5.3	+3.8	-4.3	+5.8	-3.3	+6.0	-6.3	+2.1	-1.8
April 1-5	+8.9	+2.2	+7.9	+3.7	+6.7	+3.4	+8.6	+3.4	+8.8	+3.1	+7.4	+4.0	+9.4	+3.5	+8.4	+3.8	+10.5	+3.5	+7.6	+5.2	+5.8	+5.5	+6.2	+4.8
" 6-10	+9.0	-0.4	+7.9	-1.2	+8.0	-1.9	+10.0	-1.2	+10.3	-1.9	+8.9	-2.3	+10.4	-2.0	+11.8	-0.7	+13.1	+1.4	+13.0	+1.8	+10.2	+3.4	+8.4	+4.8
" 11-15	-1.7	-11.9	-2.0	-12.8	+2.8	-13.0	+2.4	-12.5	+3.7	-13.4	+1.8	-15.2	+3.1	-14.7	+1.8	-16.1	+2.5	-15.7	+2.1	-14.5	+1.9	-13.7	+0.3	-13.1
" 16-20	-2.5	-13.2	-3.6	-16.8	-5.1	-18.5	-5.9	-17.9	-6.3	-20.0	-5.3	-19.3	-4.2	+17.4	-5.4	-18.1	-6.6	-19.6	-6.3	-21.0	-6.9	-22.5	-8.3	-23.4
" 21-25	+6.7	+8.3	+6.9	+7.0	+8.3	+7.6	+9.4	+5.9	+10.1	+5.2	+10.7	+4.4	+12.0	+5.6	+11.8	+7.2	+10.8	+9.1	+9.9	+9.0	+6.8	+10.5	+3.4	+10.9
" 26-30	-5.5	-4.9	-4.7	-5.2	-1.5	-8.4	-1.6	-7.0	-3.0	-2.5	-3.6	-4.9	-3.0	-6.3	-4.9	-9.5	-6.8	-9.1	-7.5	-10.4	-10.4	-9.1	-8.8	-6.8
May 1-5	-10.1	-13.8	-10.6	-15.2	-10.9	-14.7	-12.2	-15.6	-13.9	-15.8	-13.5	-16.9	-14.1	-18.0	-13.0	-20.5	-12.0	-21.7	-11.0	-22.9	-2.5	-23.7	-2.2	-23.0
" 6-10	-1.1	-3.7	-1.6	-3.7	-1.8	-3.7	-0.6	-1.4	-1.6	-2.1	-1.1	-1.7	-2.7	-3.4	-3.7	-3.9	-4.2	-1.7	-7.0	0.0	-5.9	+0.6	-1.6	-1.7
" 11-15	+3.0	+3.4	+1.9	+3.8	+4.9	+3.0	+4.1	+1.4	+0.6	+1.5	+2.0	+1.8	+2.9	+2.6	+4.2	+3.7	+1.8	+5.2	+2.6	+3.8	-1.5	+5.0	-0.9	+6.6
" 16-20	-14.1	-0.5	-14.2	+2.0	-12.3	+1.3	-13.2	+1.9	-15.3	+1.7	-16.5	-0.6	-14.7	-0.7	-13.6	+1.1	-15.3	+3.6	-15.3	+4.0	-14.4	+1.8	-13.5	-2.1
" 21-25	+5.5	+3.1	+4.8	+4.0	+5.5	+2.8	+5.4	+2.6	+6.6	+2.1	+5.3	+3.4	+6.0	+5.5	+3.5	+7.1	+2.6	+8.3	-0.7	+8.5	-2.4	+8.2	-2.7	+8.8
" 26-30	-4.4	+2.4	-4.2	+5.3	-5.8	+3.0	-7.4	+6.3	-7.2	+6.5	-6.6	+6.3	-6.4	+6.3	-7.9	+5.1	-9.2	+5.1	-8.7	+5.3	-8.8	+5.0	-9.4	+4.6
June 31-4	-3.3	0.0	-3.7	-1.6	-3.1	-3.3	-2.7	-2.9	-1.3	-0.9	-4.4	-2.2	-6.9	-2.7	-3.0	-2.4	-3.7	-3.1	-1.3	-4.5	-5.8	-2.7	-5.4	-5.5
" 5-9	-5.8	+4.2	-6.4	+2.7	-6.2	+1.7	-4.8	0.0	-4.7	+1.1	-3.7	+1.2	-2.7	+1.3	-3.7	+1.5	-7.0	+1.8	-6.8	+2.6	-8.7	+2.3	-8.8	+3.5
" 10-14	-6.0	-3.5	-6.6	-2.4	-6.2	-1.9	-5.5	-0.9	-4.2	-2.0	-3.2	-0.3	-6.6	-2.7	-6.9	-3.1	-8.2	-3.8	-5.4	-7.0	-3.9	-5.8	-6.4	-7.5
" 15-19	+0.7	+0.1	+1.3	-1.3	+1.3	-1.8	+1.5	-1.8	+0.4	+0.4	+1.3	-0.4	-0.8	+0.5	-0.2	+1.0	-2.0	+1.6	-4.1	+1.5	-5.5	-0.2	-7.0	+1.0
" 20-24	+1.5	-0.6	+3.0	-0.4	+3.3	+1.7	+3.9	-0.2	+4.0	-1.1	+3.7	-0.3	+3.2	+2.2	+2.1	+3.3	+1.3	+4.9	-1.1	+7.4	-4.5	+8.1	-5.2	+6.0
" 25-29	-3.0	-1.0	-2.5	-4.4	-2.7	-5.5	-3.6	-5.5	-0.1	-5.2	+0.8	-6.5	+0.7	-5.4	+1.1	-5.4	+0.3	-5.2	-1.6	-3.7	+1.8	-3.5	-1.1	-6.8

* Six-day period.

COMPONENTS for FIVE-DAY PERIODS.

LAT. 50° 9' N. LONG. 5° 4' W.

P.M.																						Midt.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		N.	E.
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.		
- 8'4	- 0'8	- 8'6	- 2'5	- 8'6	- 0'9	- 11'1	- 0'6	- 10'6	- 1'0	- 12'9	- 2'3	- 13'0	+ 0'5	- 14'8	- 3'0	- 15'3	- 1'1	- 16'2	- 1'4	- 17'3	- 1'9	- 18'6	+ 0'2	- 14'8	- 0'2
- 8'1	- 6'7	- 8'8	- 4'8	- 8'9	- 3'8	- 7'6	- 5'4	- 5'8	- 5'5	- 4'5	- 4'7	- 4'4	- 3'9	- 4'8	- 2'8	- 4'7	- 3'7	- 5'4	- 3'9	- 6'6	- 3'8	- 6'3	- 2'2	- 6'4	- 4'5
+ 2'9	+ 8'5	+ 0'8	+ 10'1	- 1'4	+ 11'3	- 0'6	+ 11'4	+ 0'6	+ 11'5	+ 2'9	+ 11'0	+ 1'8	+ 10'2	+ 0'7	+ 13'7	+ 1'0	+ 11'3	+ 2'5	+ 11'4	+ 0'4	+ 11'1	+ 1'3	+ 11'9	+ 0'9	+ 9'9
- 2'8	+ 13'5	- 2'8	+ 14'4	- 2'8	+ 7'6	- 2'2	+ 14'6	- 2'7	+ 13'7	- 2'1	+ 13'5	- 3'0	+ 14'2	- 3'4	+ 10'9	- 2'7	+ 11'8	- 3'7	+ 11'4	- 5'5	+ 12'4	- 7'7	+ 11'7	- 2'8	+ 14'2
- 1'5	- 11'3	- 1'7	- 12'9	- 0'9	- 11'0	- 1'6	- 12'6	- 1'5	- 13'0	- 2'4	- 11'8	- 2'9	- 11'7	- 1'4	- 11'2	+ 0'7	- 11'9	+ 1'9	- 8'1	+ 2'3	- 13'3	+ 2'4	- 16'1	- 1'8	- 12'2
+ 12'1	- 8'3	+ 12'9	- 9'3	+ 10'2	- 7'2	+ 8'9	- 6'4	+ 7'6	- 5'7	+ 6'8	- 5'6	+ 5'5	- 5'7	+ 6'4	- 6'3	+ 6'6	- 5'7	+ 8'3	- 8'2	+ 7'6	- 8'7	+ 9'2	- 8'1	+ 9'5	- 7'4
+ 10'1	- 8'4	+ 10'4	- 10'0	+ 11'2	- 6'3	+ 11'0	- 8'0	+ 10'8	- 6'7	+ 8'5	- 8'7	+ 10'2	- 4'0	+ 7'4	- 6'1	+ 6'8	- 10'3	+ 9'8	- 6'2	+ 8'1	- 5'9	+ 7'5	- 5'5	+ 8'5	- 7'2
+ 16'7	- 13'6	+ 13'3	- 14'5	+ 13'5	- 11'9	+ 13'3	- 9'7	+ 11'8	- 7'5	+ 11'2	- 7'6	+ 11'1	- 7'0	+ 11'3	- 6'5	+ 10'0	- 7'7	+ 9'9	- 7'9	+ 9'2	- 8'7	+ 9'8	- 8'7	+ 12'6	- 9'6
+ 3'1	- 13'7	+ 2'9	- 15'7	+ 3'7	- 14'6	+ 2'7	- 14'8	+ 5'5	- 13'6	+ 8'3	- 13'0	+ 6'5	- 12'9	+ 8'3	- 8'7	+ 5'3	- 7'9	+ 6'9	- 7'5	+ 6'8	- 8'7	+ 7'0	- 9'3	+ 6'0	- 10'3
+ 22'2	- 1'6	+ 22'1	- 0'1	+ 21'1	- 1'3	+ 23'2	- 2'6	+ 21'9	- 2'2	+ 20'7	- 2'3	+ 18'9	+ 0'2	+ 18'6	- 0'9	+ 17'9	+ 0'1	+ 17'5	- 2'1	+ 17'5	- 0'2	+ 15'3	+ 0'1	+ 18'4	- 1'3
+ 17'3	+ 6'9	+ 17'2	+ 7'8	+ 18'5	+ 7'5	+ 17'2	+ 9'2	+ 17'3	+ 7'3	+ 16'2	+ 8'3	+ 15'5	+ 6'6	+ 14'3	+ 6'8	+ 14'3	+ 6'6	+ 16'0	+ 8'1	+ 16'2	+ 7'5	+ 15'9	+ 8'5	+ 16'5	+ 6'9
+ 12'6	+ 6'5	+ 12'7	+ 7'6	+ 14'3	+ 6'6	+ 13'3	+ 5'7	+ 12'7	+ 4'5	+ 10'6	+ 4'6	+ 9'2	+ 4'0	+ 9'8	+ 5'0	+ 6'4	+ 5'5	+ 8'0	+ 6'5	+ 8'9	+ 6'0	+ 10'0	+ 6'7	+ 11'5	+ 5'6
+ 7'8	- 6'8	+ 8'4	- 6'6	+ 4'5	- 5'0	+ 7'8	- 6'9	+ 6'1	- 5'2	+ 5'1	- 5'9	+ 4'5	- 5'5	+ 3'0	- 5'1	+ 2'5	- 5'8	+ 4'8	- 4'1	+ 4'9	- 5'0	+ 6'0	- 6'3	+ 6'7	- 4'4
- 22'4	- 25'9	- 22'2	- 26'6	- 21'3	- 25'7	- 20'8	- 25'5	- 18'9	- 22'7	- 16'6	- 20'3	- 17'8	- 17'0	- 19'2	- 14'4	- 16'8	- 18'2	- 19'3	- 15'4	- 19'8	- 11'4	- 18'0	- 11'6	- 21'4	- 20'1
- 5'3	- 5'1	- 6'1	- 5'7	- 6'6	- 9'8	- 5'6	- 9'8	- 4'4	- 11'0	- 3'8	- 8'6	- 4'3	- 5'8	- 4'2	- 2'7	- 4'5	- 3'7	- 3'9	- 4'7	- 2'1	- 7'5	+ 1'4	- 8'6	- 3'1	- 5'8
+ 24'2	+ 2'3	+ 24'2	+ 3'0	+ 25'5	- 0'9	+ 25'2	+ 0'1	+ 23'1	+ 0'8	+ 20'2	- 0'7	+ 16'4	+ 0'7	+ 16'9	+ 0'5	+ 14'6	+ 0'2	+ 12'3	- 0'1	+ 12'4	+ 2'2	+ 11'5	+ 2'3	+ 19'2	+ 1'4
+ 2'1	- 5'7	+ 2'8	- 6'5	+ 2'7	- 7'3	+ 6'0	- 6'6	+ 5'3	- 6'3	+ 5'4	- 4'0	+ 3'4	- 4'6	+ 3'5	- 5'7	+ 5'8	- 3'7	+ 4'4	- 5'5	+ 3'9	- 6'7	+ 8'1	- 8'3	+ 3'5	- 5'8
+ 2'8	- 3'2	+ 4'5	- 7'0	+ 4'9	- 9'9	+ 4'8	- 9'0	+ 3'5	- 8'6	+ 3'5	- 8'2	+ 3'8	- 5'0	+ 1'5	- 7'0	- 1'3	- 5'3	+ 0'6	- 4'4	- 0'9	- 1'3	+ 1'1	- 0'2	+ 2'0	- 4'5
+ 6'9	+ 4'6	+ 3'7	+ 3'6	+ 5'1	+ 3'4	+ 5'4	+ 2'0	+ 6'5	+ 1'3	+ 10'7	+ 0'3	+ 10'3	+ 0'7	+ 11'0	- 0'9	+ 10'1	+ 0'8	+ 10'0	+ 0'1	+ 7'9	+ 0'5	+ 10'8	+ 0'7	+ 8'1	+ 2'6
+ 9'0	+ 2'3	+ 7'3	+ 0'3	+ 8'4	- 0'8	+ 7'4	- 3'2	+ 9'8	- 6'3	+ 9'9	- 5'9	+ 8'5	- 5'5	+ 7'5	- 4'3	+ 6'4	- 1'8	+ 4'5	- 3'8	+ 4'4	- 2'9	+ 6'3	- 2'7	+ 8'8	- 1'4
+ 3'9	- 16'2	+ 4'3	- 17'4	+ 5'3	- 17'9	+ 9'2	- 19'6	+ 9'7	- 16'7	+ 7'9	- 15'9	+ 4'9	- 13'4	+ 5'6	- 12'9	+ 3'7	- 10'7	+ 3'0	- 11'6	+ 2'4	- 12'4	+ 0'5	- 10'9	+ 3'3	- 14'3
- 8'5	- 19'3	- 9'7	- 19'5	- 7'8	- 20'7	- 3'7	- 16'8	- 3'6	- 17'8	- 5'5	- 14'0	- 6'2	- 12'1	- 6'0	- 11'1	- 5'3	- 12'0	- 4'0	- 13'3	- 3'3	- 14'2	- 1'2	- 15'0	- 5'5	- 17'2
+ 2'9	+ 10'6	+ 1'3	+ 9'9	+ 4'1	+ 10'0	+ 6'8	+ 8'8	+ 4'8	+ 6'0	+ 3'9	+ 9'0	+ 7'3	+ 8'3	+ 7'6	+ 8'0	+ 8'0	+ 9'8	+ 7'7	+ 12'0	+ 6'5	+ 12'1	+ 6'5	+ 9'9	+ 7'3	+ 8'6
- 12'8	- 7'1	- 12'8	- 7'6	- 12'9	- 8'9	- 13'1	- 8'0	- 11'0	- 8'2	- 9'3	- 8'2	- 10'7	- 8'2	- 10'0	- 6'4	- 8'7	- 7'6	- 9'0	- 6'0	- 11'5	- 5'8	- 10'3	- 8'3	- 8'1	- 7'3
- 7'5	- 20'8	- 7'1	- 22'0	- 4'0	- 23'5	- 3'8	- 23'9	- 2'2	- 21'1	- 1'9	- 20'8	- 1'7	- 18'5	+ 6'0	- 15'6	- 0'8	- 14'3	- 2'8	- 12'9	- 4'3	- 13'2	- 4'4	- 12'9	- 6'9	- 18'4
- 3'5	- 2'2	- 3'4	- 2'4	- 2'3	- 3'6	- 2'8	- 3'9	- 0'7	- 3'9	+ 0'8	- 3'7	+ 1'0	- 2'7	+ 2'1	- 0'4	+ 1'9	- 1'4	+ 2'0	- 1'0	+ 1'7	+ 1'1	+ 0'6	+ 0'7	- 1'5	- 2'1
- 1'3	+ 6'7	+ 2'8	+ 5'0	+ 5'7	+ 4'9	+ 4'1	+ 1'3	+ 7'0	+ 0'2	+ 5'5	- 2'8	+ 6'0	- 3'0	+ 4'5	- 2'5	+ 4'1	- 2'3	+ 3'9	- 2'2	+ 1'8	- 1'4	+ 1'7	+ 0'5	+ 3'0	+ 1'9
- 11'5	- 5'2	- 11'2	- 5'8	- 12'8	- 6'4	- 12'8	- 4'7	- 13'1	- 4'9	- 12'5	- 1'2	- 11'6	- 4'4	- 7'6	- 3'1	- 8'3	- 1'5	- 10'1	- 4'0	- 12'3	- 1'6	- 12'8	- 3'1	- 12'9	- 1'4
- 3'5	+ 9'9	- 3'4	+ 8'0	- 0'3	+ 8'6	+ 1'9	+ 5'8	+ 5'1	+ 4'0	+ 4'6	+ 2'5	+ 4'1	+ 1'3	+ 3'2	+ 0'9	+ 1'6	+ 2'1	+ 3'7	+ 1'7	+ 4'2	+ 0'6	+ 5'1	+ 2'2	+ 2'7	+ 4'7
- 8'6	+ 4'1	- 10'7	+ 3'5	- 11'2	+ 3'3	- 10'1	+ 3'7	- 10'6	+ 3'3	- 7'7	+ 3'7	- 7'8	- 0'3	- 6'7	+ 0'4	- 6'9	+ 2'3	- 8'2	+ 2'4	- 8'9	+ 1'2	- 7'4	+ 1'2	- 8'0	+ 3'7
- 3'8	- 4'0	- 6'6	- 4'6	- 5'6	- 4'7	- 3'9	- 4'4	- 3'3	- 1'1	- 1'7	- 1'0	- 0'4	- 1'3	- 0'1	+ 0'1	- 1'1	0'0	- 0'7	+ 0'2	- 1'6	+ 1'0	- 2'2	+ 0'7	- 3'1	- 2'1
- 9'5	+ 3'0	- 10'0	+ 1'7	- 9'1	+ 2'7	- 10'4	+ 2'2	- 9'4	+ 0'7	- 8'6	+ 1'6	- 8'5	+ 2'7	- 9'5	+ 3'0	- 9'2	+ 2'3	- 7'4	+ 3'6	- 7'2	+ 3'4	- 5'5	+ 1'4	- 7'2	+ 2'1
- 6'8	- 8'1	- 5'1	- 8'6	- 3'2	- 8'4	- 2'7	- 8'7	- 2'9	- 8'2	- 4'4	- 10'1	- 4'1	- 9'1	- 5'6	- 4'7	- 3'6	- 4'6	- 6'1	- 4'3	- 5'7	- 4'1	- 6'2	- 4'0	- 5'3	- 5'2
- 5'4	+ 0'5	- 5'3	- 0'1	- 2'0	- 3'3	+ 4'5	- 3'7	+ 7'9	- 5'5	+ 8'4	- 4'7	+ 4'9	- 1'4	+ 1'6	- 2'2	+ 0'1	- 1'6	- 0'1	- 0'1	+ 1'6	+ 1'0	+ 1'6	0'0	+ 0'2	- 0'9
- 4'6	+ 6'1	- 3'0	+ 9'0	- 2'6	+ 6'3	- 0'8	+ 4'5	- 1'3	+ 4'6	+ 0'1	+ 2'5	+ 0'8	+ 1'5	+ 1'7	+ 0'6	+ 3'9	- 1'1	+ 5'3	- 1'4	+ 3'6	- 1'2	+ 5'8	- 0'8	+ 1'0	+ 2'6
+ 0'4	- 6'6	- 3'6	- 8'6	- 3'8	- 9'1	- 5'3	- 9'2	- 5'4	- 9'2	- 3'8	- 8'0	- 3'5	- 8'1	- 3'3	- 6'5	- 4'7	- 6'9	- 3'8	- 6'6	- 5'5	- 5'8	- 2'1	- 3'5	- 2'2	- 6'1

TABLE IV.—MEAN HOURLY and DAILY WIND

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1888.																								
July 30-4	-4'7	-10'6	-6'2	-12'9	-6'2	-12'5	-3'9	-11'8	-6'0	-11'5	-4'7	-10'6	-4'7	-9'6	-5'2	-12'4	-8'0	-8'3	-8'0	-8'4	-10'9	-10'2	-13'2	-9'4
" 5-9	+0'6	-4'5	-0'6	-5'7	+0'6	-5'0	+0'2	-4'1	+0'2	-4'1	+0'5	-4'2	+8'4	-5'4	+2'2	-5'1	+3'3	-4'8	+0'1	-4'5	-1'3	-3'9	-1'9	-4'7
" 10-14	+10'3	-8'8	+9'7	-7'8	+9'3	-6'1	+8'5	-5'3	+8'8	-5'5	+12'1	-5'4	+11'2	-8'4	+12'6	-7'1	+12'9	-7'1	+12'0	-7'2	+12'5	-7'1	+9'7	-6'9
" 15-19	+10'9	-6'2	+11'1	-6'7	+12'8	-8'7	+10'7	-8'6	+8'9	-8'4	+9'8	-9'8	+11'6	-11'3	+11'2	-9'6	+9'8	-7'5	+9'6	-7'6	+8'6	-8'8	+8'8	-8'6
" 20-24	-12'6	-4'8	-13'3	-4'2	-12'3	-5'3	-15'1	-6'3	-14'8	-5'4	-15'9	-6'8	-17'1	-7'3	-13'7	-8'2	-13'4	-9'8	-15'8	-11'6	-15'5	-13'0	-17'3	-11'6
" 25-30	-7'5	-9'3	-11'3	-10'4	-9'8	-12'1	-9'6	-11'4	-11'4	-9'6	-10'6	-9'3	-10'4	-8'0	-9'6	-7'4	-8'6	-8'7	-7'4	-7'5	-9'3	-6'5	-9'7	-6'8
Aug. 30-3	-0'2	-2'1	+0'1	-2'8	-0'2	-2'3	-0'3	-1'2	+1'0	-2'1	+1'3	-0'9	+0'2	-2'5	+2'9	-2'8	+0'8	-0'8	-0'4	-1'6	+3'2	-2'5	-2'0	-3'1
" 4-8	-1'5	-11'0	-2'3	-11'5	-0'1	-12'2	+1'9	-10'7	+2'3	-9'6	+3'7	-8'0	+4'1	-7'4	+2'5	-8'8	+3'2	-7'7	+0'7	-0'8	-0'2	-9'3	-2'5	-10'7
" 9-13	-9'1	-5'0	-9'7	-5'4	-8'2	-3'0	-7'2	-3'6	-9'1	-4'0	-7'9	-4'0	-8'0	-5'1	-7'8	-5'6	-7'9	-6'3	-5'9	-8'6	-7'2	-6'5	-9'3	-6'5
" 14-18	+5'8	-1'7	+5'3	+0'8	+3'9	+0'7	+4'4	+1'0	+4'1	+1'2	+3'8	+3'0	+3'7	+4'3	+4'0	+4'9	+3'2	+7'4	-0'2	+10'0	+2'5	+8'6	-0'6	+8'8
" 19-23	-8'7	-1'2	-6'7	-2'3	-8'5	-2'9	-8'0	-2'1	-8'0	-1'5	-8'1	-1'7	-9'0	-1'4	-11'0	-3'4	-10'6	-5'0	-11'9	-4'4	-13'9	-4'4	-13'4	-4'5
" 24-28	-9'4	-6'0	-8'2	-6'3	-9'1	-4'6	-9'9	-4'8	-14'1	-8'0	-14'2	-6'9	-15'2	-5'3	-16'4	-7'2	-13'7	-8'1	-14'8	-10'0	-17'2	-11'1	-15'9	-13'4
Sept. 29-2	+1'3	-9'7	+0'2	-9'9	-2'0	-10'6	-0'7	-10'7	-0'4	-9'4	-2'1	-7'9	-3'0	-9'8	-5'2	-11'2	-4'7	-11'1	-4'0	-13'6	-7'3	-12'7	-4'2	-13'6
" 3-7	-0'6	-8'4	-2'4	-8'2	-2'2	-6'8	+2'7	-6'2	+1'9	-6'9	-0'2	-5'9	-0'1	-5'9	+0'3	-8'4	+1'4	-9'9	+2'5	-10'8	+1'8	-13'6	-0'2	-13'4
" 8-12	+5'5	-1'6	+6'4	-0'8	+5'5	-0'6	+6'9	-0'2	+5'5	-0'1	+6'1	-1'6	+5'1	-0'7	+5'3	-0'1	+8'2	+1'1	+3'6	+2'6	+1'3	+3'3	-0'8	+2'8
" 13-17	+4'6	+3'9	+3'7	+4'4	+3'2	+4'8	+3'5	+5'7	+1'6	+5'9	+1'0	+7'1	+0'3	+7'9	+1'2	+7'1	+2'1	+8'6	0'0	+9'3	+0'1	+10'0	-0'4	+10'8
" 18-22	+4'0	+2'9	+5'8	+3'6	+5'0	+5'9	+5'7	+4'9	+6'1	+4'7	+3'9	+3'3	+3'6	+3'7	+2'4	+4'7	+3'7	+7'8	+2'0	+10'0	+0'3	+10'0	+0'3	+11'6
" 23-27	+4'4	+4'3	+6'5	+5'3	+5'5	+5'3	+5'0	+4'1	+5'0	+4'8	+3'5	+5'7	+1'6	+5'3	+2'0	+6'6	+0'6	+5'7	0'0	+8'5	+1'4	+6'6	+0'5	+8'9
Oct. 28-2	+2'6	-1'5	+4'1	-1'0	+5'3	-0'7	+5'6	-3'4	+5'7	-1'4	+8'5	-1'0	+7'7	-2'0	+4'6	-0'7	+5'9	-2'2	+5'3	-2'5	+6'2	-1'9	+5'4	-2'0
" 3-7	+5'6	-3'3	+8'5	-5'3	+6'1	-3'5	+6'1	-6'7	+3'1	-3'6	+5'0	-2'1	+6'5	-4'9	+7'6	-7'6	+7'4	-8'3	+11'2	-8'5	+9'9	-11'5	+9'2	-11'9
" 8-12	+6'5	-5'7	+3'2	-1'8	+2'6	-2'1	+3'7	-3'5	+3'3	-4'5	+2'1	-5'7	+1'9	-3'5	+3'6	-2'7	+4'1	-2'8	+4'9	-3'4	+2'3	-3'4	+0'6	-0'3
" 13-17	+3'1	-2'0	+2'7	-1'9	+2'1	-3'2	+1'6	-2'3	+3'1	-2'6	+2'0	-3'0	+3'7	-2'5	+2'8	-0'8	+2'3	+1'7	+1'6	+1'8	+1'1	+3'9	+0'7	+3'5
" 18-22	-8'5	+15'2	-7'2	+14'7	-6'6	+14'6	-8'4	+14'5	-7'8	+14'6	-7'5	+16'6	-8'7	+16'8	-7'8	+16'8	-8'0	+15'8	-8'5	+19'6	-7'8	+21'0	-6'1	+21'1
" 23-27	-13'9	-2'5	-12'5	-5'3	-13'9	-1'9	-15'5	-2'0	-15'3	-2'7	-15'7	-2'6	-15'4	-2'8	-16'4	-2'3	-15'9	-4'0	-16'5	-4'5	-17'5	-3'1	-18'6	-3'9
Nov. 28-1	-8'6	-4'3	-8'1	-6'5	-8'3	-5'6	-6'9	-5'0	-4'7	-4'6	-5'1	-4'2	-7'9	-2'5	-7'9	-2'7	-6'9	-4'2	-7'8	-5'5	-8'9	-7'4	-9'9	-9'6
" 2-6	+2'3	+5'7	+2'1	+4'8	+1'5	+4'9	-1'0	+3'5	-0'7	+6'1	+1'0	+6'0	+3'9	+6'0	+5'3	+6'1	+5'0	+7'6	+3'0	+8'8	+1'7	+9'6	+4'3	+10'1
" 7-11	-4'2	+3'8	-4'5	+1'6	-5'2	+3'5	-5'7	+3'6	-7'5	+5'5	-8'3	+4'3	-9'2	+9'2	-9'2	+10'3	-11'7	+12'3	-10'6	+13'1	-8'7	+15'9	-12'6	+15'4
" 12-16	-15'2	-1'6	-16'3	-1'0	-14'2	-0'5	-16'1	-3'0	-16'7	-3'0	-15'8	-1'3	-16'0	-1'7	-16'4	-5'0	-16'4	-5'0	-14'4	-6'0	-15'8	-7'8	-15'6	-8'8
" 17-21	-3'2	-18'4	-4'5	-17'7	-3'2	-17'9	+2'4	-18'1	+0'7	-16'5	+0'5	-16'7	+0'4	-18'9	-0'6	-19'8	-1'2	-19'5	0'0	-22'2	-1'0	-24'6	-0'7	-24'1
" 22-26	-9'3	-14'7	-10'5	-15'1	-11'4	-15'4	-12'2	-17'1	-14'3	-18'2	-12'1	-20'1	-14'4	-18'8	-13'6	-19'5	-12'0	-21'2	-12'4	-17'7	-15'2	-19'5	-16'6	-17'8
Dec. 27-1	-5'2	-1'0	-10'7	-0'9	-10'4	-3'9	-11'9	-3'9	-13'4	-3'2	-12'6	-6'3	-11'8	-6'5	-12'2	-0'3	-10'1	-11'1	-10'0	-10'1	-12'2	-9'3	-11'3	-10'5
" 2-6	-22'2	-7'9	-22'7	-7'0	-21'6	-6'8	-22'1	-6'5	-21'1	-5'2	-20'6	-3'6	-23'2	-1'6	-22'5	-1'5	-22'9	-2'3	-24'5	-2'9	-24'9	-2'3	-25'6	-3'4
" 7-11	-3'2	+5'1	-3'7	+6'4	-4'7	+4'7	-6'5	+4'3	-5'5	+3'5	-7'3	+4'2	-8'9	+5'2	-9'1	+5'4	-7'0	+5'5	-7'0	+6'3	-4'7	+5'3	-3'9	+5'3
" 12-16	-0'7	+2'4	-1'0	+3'6	-1'1	+4'0	-2'1	+2'5	-1'8	+3'1	-2'2	+2'9	-2'4	+4'2	-3'7	+4'8	-2'0	+4'8	-2'0	+5'1	-2'8	+4'1	-4'4	+6'8
" 17-21	-13'4	+5'0	-14'6	+6'6	-16'6	+5'9	-19'7	+8'0	-17'0	+16'2	-14'6	+8'3	-11'4	+5'1	-11'6	+1'1	-10'9	+1'2	-11'3	+1'2	-13'0	+3'9	-16'1	+4'7
" 22-26	-5'3	-12'6	-4'4	-14'3	-5'1	-14'1	-3'9	-12'8	-3'7	-14'4	-3'5	-13'7	-5'2	-11'6	-7'2	-12'7	-8'2	-12'4	-10'0	-13'8	-7'7	-18'2	-6'2	-20'6
" 27-31	+1'0	-3'3	+8'1	-3'5	+7'0	-2'7	+6'4	-1'6	+4'0	-0'8	+2'3	-0'9	+5'4	-2'1	+3'7	-1'7	+2'8	-1'7	+0'9	-2'0	+1'6	-3'2	+2'6	-3'8

COMPONENTS for FIVE-DAY PERIODS—continued.

P.M.																							Midt.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.			
-13'1	-13'2	-11'6	-15'8	-10'6	-17'7	-9'8	-17'8	-7'4	-17'8	-4'0	-16'5	-4'3	-13'8	-4'6	-12'1	-5'9	-11'3	-5'0	-10'7	-6'8	-11'1	-7'9	-10'1	-7'2	-12'3	
-0'8	-6'5	-0'3	-6'6	+3'8	-7'1	+4'6	-9'4	+7'0	-8'3	+6'5	-9'8	+5'1	-8'7	+3'2	-6'6	+5'5	-5'4	+6'2	-5'5	+5'8	-5'9	+5'5	-5'7	+2'4	-5'8	
+9'9	-8'3	+8'8	-9'2	+9'6	-9'8	+12'5	-10'2	+9'7	-11'6	-9'6	-9'8	+8'0	-8'2	+4'7	-6'7	+5'8	-7'7	+3'6	-8'3	+4'8	-9'1	+7'1	-9'4	+9'3	-8'0	
+9'9	-10'6	+10'5	-10'4	+9'1	-11'3	+7'3	-13'4	-8'3	-9'8	+8'0	-7'3	+7'0	-7'4	+7'3	-6'4	+8'4	-7'9	+8'0	-6'9	+8'0	-6'5	+6'9	-6'5	+9'3	-8'6	
-16'2	-10'9	-17'1	-11'6	-16'0	-12'5	-15'3	-11'3	-15'5	-11'7	-15'2	-8'4	-15'0	-7'5	-14'1	-7'4	-15'3	-6'7	-14'6	-5'9	-15'4	-5'4	-15'3	-4'1	-15'2	-8'2	
-10'2	-7'9	-10'6	-9'1	-8'7	-8'5	-7'5	-10'1	-4'7	-12'4	-2'3	-9'9	-0'9	-11'8	+0'4	-10'2	-0'8	-10'6	+0'4	-11'4	-2'3	-12'1	-1'3	-12'5	-6'8	-9'7	
-2'1	-3'1	+1'7	-2'9	+2'0	-4'3	+0'9	-4'3	+0'6	-3'6	-1'5	-4'9	0'0	-3'4	+0'1	-1'1	+0'5	-1'6	-1'6	-0'7	-1'5	-0'8	-2'5	-2'8	+0'1	-2'4	
-2'4	-9'2	-1'4	-11'5	-1'6	-10'3	-9'2	-11'0	-1'0	-9'1	-1'6	-8'6	-1'0	-7'8	-1'2	-7'1	-1'3	-8'0	-0'7	-7'5	+0'1	-8'6	+1'4	-9'4	0'0	-9'3	
-8'5	-7'0	-9'7	-9'2	-11'3	-8'2	-7'7	-7'6	-9'1	-7'6	-8'7	-5'1	-8'8	-5'3	-7'6	-6'2	-5'1	-6'5	-5'6	-7'4	-5'9	-6'0	-6'5	-6'0	-8'0	-6'1	
-1'3	+7'8	-1'6	+7'9	-5'3	+8'8	-5'6	+6'0	-3'5	+3'6	-2'3	+3'4	-0'4	+2'2	+0'8	+2'0	+3'1	+0'4	+4'0	+1'2	+1'5	+2'0	+3'5	+0'2	+1'4	+3'9	
-12'4	-3'9	-15'5	-5'4	-14'8	-3'3	-14'7	-4'1	-11'9	-5'4	-11'4	-5'9	-9'8	-2'1	-9'6	-1'5	-11'1	-3'7	-11'2	-2'4	-11'2	-4'7	-10'4	-4'0	-10'9	-3'3	
-14'2	-15'1	-15'5	-13'4	-15'1	-15'6	-1'7	-19'1	+0'1	-17'2	-1'7	-14'2	-3'8	-13'9	-4'1	-11'1	-5'0	-11'0	-5'7	-10'4	-6'2	-9'6	-4'8	-10'4	-9'8	-10'5	
-3'7	-12'6	-2'1	-14'5	+1'2	-15'3	+2'7	-12'7	+3'2	-9'1	+3'4	-9'9	+1'3	-7'4	+2'5	-6'7	+2'9	-7'1	+3'0	-6'6	+2'8	-6'4	+2'4	-7'5	-0'5	-10'3	
+1'3	-13'3	+0'3	-14'2	+3'0	-15'3	+0'2	-13'5	+1'8	-12'6	+1'8	-11'9	+0'9	-10'2	0'0	-9'9	+0'2	-9'0	+1'3	-9'2	+1'5	-8'0	+2'0	-8'2	+0'8	-10'0	
-0'9	+1'4	+5'1	-1'3	+5'0	-0'9	+6'0	-0'5	+8'4	-1'9	+7'4	+0'6	+6'5	-0'6	+6'1	-0'6	+5'9	-0'2	+3'7	-1'0	+2'7	+0'6	+3'7	+0'5	+4'9	0'0	
-0'6	+9'8	-0'8	+8'1	+0'9	+5'3	+4'5	+3'5	+6'1	+4'2	+5'5	+3'4	+3'5	+3'7	+3'6	+4'3	+3'6	+4'8	+3'3	+3'7	+5'5	+4'5	+2'8	+4'6	+2'5	+6'1	
-0'5	+11'3	+0'8	+11'5	-1'6	+10'6	-0'5	+9'2	-0'2	+6'6	+1'8	+5'3	+0'5	+1'3	+1'7	+1'3	+3'9	+1'1	+3'2	+1'2	+5'0	+3'0	+4'1	+4'1	+2'5	+5'8	
+0'9	+8'2	+1'1	+8'1	-0'4	+6'9	+0'4	+7'4	+0'7	+7'6	+0'9	+8'1	+0'6	+8'7	-0'5	+7'5	+0'3	+6'0	-0'8	+7'5	+0'3	+7'8	+1'3	+7'6	+1'7	+6'9	
+5'6	-6'6	+4'9	-8'0	+4'0	-9'9	+4'3	-9'7	+3'8	-8'4	+2'8	-4'6	+2'6	-7'4	+2'5	-6'5	+1'3	-4'5	+1'7	-5'9	+1'3	-4'7	+5'1	-3'7	+4'5	-4'2	
+11'5	-12'0	+11'8	-13'0	+14'8	-11'2	+13'8	-10'1	+12'7	-6'0	+11'4	-7'4	+8'9	-9'2	+13'9	-3'2	+13'5	-2'9	+11'9	-3'7	+10'4	-4'7	+11'6	-3'5	+9'7	-6'8	
+3'4	-3'0	+6'6	-5'8	+7'3	-5'5	+6'0	-4'3	+5'2	-4'3	+4'8	-3'0	+4'9	-3'5	+4'0	-2'9	+2'2	-2'2	+2'9	-3'6	+3'9	-4'2	+2'9	-4'3	+3'9	-3'5	
-0'9	+1'6	-1'4	+1'4	0'0	+1'2	+0'6	+1'5	+2'9	+0'3	+2'2	+1'2	+2'5	+1'4	+0'4	+2'0	+1'1	+2'1	+0'5	+2'1	-1'0	+2'7	-0'6	+1'6	+1'4	+0'5	
-6'6	+21'9	-6'1	+22'3	-5'0	+21'1	-3'8	+19'1	-5'2	+19'1	-4'8	+18'5	-4'8	+17'5	-4'7	+17'0	-5'8	+16'9	-5'5	+16'3	-5'5	+16'7	-7'0	+16'0	-6'6	+17'8	
-18'0	-3'7	-17'8	-2'5	-16'9	-3'7	-17'1	-2'6	-17'6	-3'6	-17'7	-4'1	-17'8	-4'5	-17'3	-5'5	-16'1	-5'3	-16'3	-4'6	-17'2	-5'3	-17'2	-5'6	-16'3	-3'6	
-9'6	-9'9	-7'7	-9'6	-4'1	-10'0	-3'3	-5'0	-2'9	-6'6	-2'9	-5'8	-1'6	-7'8	-2'1	-8'0	-2'0	-6'8	+0'2	-6'5	-0'6	-5'0	-0'6	-4'5	-5'3	-6'3	
+2'6	+11'4	+3'8	+9'4	+0'5	+11'5	+2'6	+10'3	+3'4	+8'4	+2'2	+7'5	+4'6	+8'7	+4'6	+8'9	+3'8	+9'4	+1'9	+7'5	+2'2	+8'5	+3'9	+7'1	+2'7	+7'8	
-11'3	+16'0	-12'4	+15'8	-11'1	+16'4	-5'6	+12'0	-7'1	+12'3	-8'4	+14'0	-11'6	+12'0	-12'3	+9'6	-13'5	+8'1	-14'7	+8'6	-14'8	+5'1	-11'9	+3'7	-9'7	+9'7	
-14'8	-8'5	-12'0	-10'2	-10'5	-8'6	-9'6	-7'8	-9'4	-5'5	-10'3	-4'0	-11'9	-4'3	-10'8	-5'8	-13'0	-6'3	-11'9	-6'8	-11'3	-5'1	-12'6	-5'9	-13'6	-5'1	
-2'1	-25'1	-0'7	-24'8	-1'3	-23'3	-0'5	-21'0	+1'5	-21'0	+3'5	-20'1	+2'1	-19'5	+1'8	-17'7	+0'7	-16'9	0'0	-17'1	-2'2	-18'3	+0'7	-18'7	-0'3	-19'9	
-20'1	-19'0	-20'0	-19'0	-19'3	-18'8	-17'6	-19'8	-16'7	-20'4	+18'9	-17'0	-19'7	-15'5	-17'0	-8'4	-6'0	-14'8	-8'9	-15'7	-10'4	-12'9	-12'3	-11'9	-14'2	-16'9	
-9'5	-12'5	-9'5	-10'6	-5'6	-9'4	-4'5	-5'3	-2'0	-6'7	-0'6	-3'5	-1'3	-2'0	-5'0	-4'9	-2'4	-5'1	-6'4	-5'1	-8'2	-2'1	-6'8	-2'4	-8'1	-6'1	
-27'3	-2'4	-26'2	-2'1	-25'2	-2'2	-23'0	-1'2	-24'8	-3'2	-23'1	-2'0	-23'3	-1'2	-24'2	-2'1	-22'8	-2'4	-22'7	-1'4	-21'2	-1'1	-23'1	-0'3	-23'4	-3'0	
-3'0	+6'3	-2'7	+4'7	-3'4	+4'2	-3'5	+4'0	+2'0	-1'2	+2'7	-1'4	+2'1	-2'1	+1'3	-0'6	+2'0	-0'1	+2'8	+2'3	+3'5	+3'1	+2'2	+2'4	-2'7	+3'5	
-2'3	+6'5	-2'2	+5'5	-2'0	+4'4	-1'6	+3'2	-1'0	+4'7	0'0	+3'6	-0'4	+3'1	-1'1	+3'7	-1'8	+2'8	-3'6	+3'6	-1'1	+3'1	-0'7	+3'3	-1'8	+4'0	
-14'1	+7'1	-14'9	+8'1	-14'6	+1'4	-13'6	+1'6	-13'6	+2'1	-13'2	+1'1	-14'9	+3'6	-15'2	+3'6	-17'4	+3'7	-17'1	+4'7	-17'1	+3'2	-17'4	+4'5	-14'6	+4'2	
-8'8	-20'6	-7'6	-21'5	-5'7	-17'7	-6'9	-19'3	-3'4	-17'7	-4'8	-15'9	-3'7	-15'9	-3'5	-15'7	-2'7	-13'8	-3'4	-11'7	-5'1	-11'9	-3'5	-12'2	-5'4	-15'2	
+2'8	-4'2	+2'7	-3'9	+2'7	-3'5	+0'6	-3'2	+2'4	-2'8	+3'1	-3'1	+2'9	-2'7	0'0	-2'1	+0'4	-1'1	+0'9	-2'1	0'0	-1'7	0'0	-1'3	+2'7	-2'5	

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL
FALMOUTH OBSERVATORY - - LAT. 50° 9' N. LONG. 5° 4' W.

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.
1888. Jan. 1-5	—	in. —	1	in. '005	—	in. —	—	in. —	—	in. —	1	in. '005	—	in. —	1	in. '005	1	in. '005	2	in. '050	1	in. '090	1	in. '210
" 6-10	—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	1	'005	2	'010	1	'005	—	—	1	'010
" 11-15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
" 16-20	1	'020	1	'005	—	—	2	'027	2	'063	2	'095	2	'080	2	'065	2	'045	1	'005	—	—	—	—
" 21-25	—	—	—	—	1	'005	1	'025	1	'075	1	'075	2	'075	1	'080	1	'010	2	'010	—	—	—	—
" 26-30	1	'050	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	
Feb. 31-4	—	—	—	—	1	'035	1	'075	—	—	1	'005	1	'030	1	'050	1	'010	—	—	—	—	—	—
" 5-9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
" 10-14	—	—	2	'025	1	'005	2	'010	1	'005	1	'005	1	'015	1	'005	1	'050	4	'365	1	'020	1	'005
" 15-19	—	—	—	—	1	'015	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
" 20-24	—	—	—	—	—	—	—	—	1	'020	1	'010	1	'005	—	—	—	—	1	'005	—	—	—	—
" 25-1*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Mar. 2-6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005
" 7-11	2	'305	2	'100	3	'025	1	'085	2	'115	2	'125	2	'057	2	'045	1	'010	2	'030	—	—	1	'015
" 12-16	1	'065	2	'075	2	'085	2	'090	1	'040	2	'010	1	'050	1	'025	—	—	2	'085	3	'120	2	'023
" 17-21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 22-26	1	'010	1	'035	1	'060	2	'175	2	'085	1	'005	—	—	—	—	1	'015	2	'010	2	'030	3	'085
" 27-31	1	'125	1	'120	2	'175	2	'055	1	'030	2	'040	2	'035	1	'010	3	'160	3	'060	2	'015	2	'010
April 1-5	—	—	—	—	—	—	—	—	—	—	—	—	1	'030	1	'005	—	—	—	—	—	—	—	—
" 6-10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 11-15	1	'045	1	'045	1	'005	—	—	1	'005	1	'015	2	'015	2	'040	1	'030	1	'010	—	—	—	—
" 16-20	1	'025	1	'005	—	—	2	'065	1	'005	—	—	—	—	1	'010	—	—	—	—	—	—	1	'010
" 21-25	2	'025	2	'030	2	'035	2	'020	1	'010	1	'005	1	'030	2	'025	1	'015	1	'015	1	'015	2	'095
" 26-30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May 1-5	1	'010	1	'010	1	'010	1	'005	—	—	1	'010	2	'070	2	'160	3	'090	3	'060	1	'060	1	'070
" 6-10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	—	—	1	'005	1	'005
" 11-15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 16-20	1	'020	1	'065	2	'035	2	'050	2	'010	—	—	—	—	—	—	—	—	1	'030	—	—	2	'040
" 21-25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 26-30	—	—	—	—	—	—	1	'010	1	'035	1	'010	—	—	—	—	—	—	1	'005	—	—	—	—
June 31-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 5-9	3	'120	3	'110	3	'120	2	'025	—	—	1	'035	1	'015	—	—	—	—	—	—	—	—	1	'010
" 10-14	—	—	—	—	1	'005	1	'005	1	'005	—	—	—	—	—	—	1	'030	1	'135	1	'060	1	'015
" 15-19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	1	'030	1	'005	—	—	—	—
" 20-24	1	'045	1	'060	1	'070	1	'055	1	'025	1	'030	—	—	—	—	—	—	—	—	1	'005	1	'005
" 25-29	1	'060	2	'075	2	'060	3	'105	1	'005	1	'055	3	'045	2	'055	2	'040	2	'055	1	'010	1	'010

NOTE.—In estimating the number of DAYS on which Rain fell those on

AMOUNTS of RAINFALL registered therein, for FIVE-DAY PERIODS.

Rain-gauge, 2 feet above Ground; 169 feet above Mean Sea Level.

P.M.																							Midt.		Totals for the Five Days.	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Days (see Note).	Amount.	
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.			
1	in. '040	1	in. '005	1	in. '015	—	—	2	in. '025	2	in. '070	2	in. '045	2	in. '070	2	in. '045	1	in. '015	1	in. '010	1	in. '015	4	ins. '725	
1	'070	1	'055	1	'075	1	'005	1	'025	—	—	1	'005	—	—	1	'005	—	—	1	'005	1	'010	3	'295	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	2	'035	2	'020	2	'015	3	'495	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'020	1	'010	—	—	—	—	3	'385	
—	—	—	—	1	'010	2	'015	1	'010	1	'015	—	—	—	—	2	'050	1	'025	1	'045	3	'055	4	'280	
—	—	—	—	1	'020	1	'015	1	'020	1	'025	1	'055	1	'025	1	'020	1	'020	—	—	—	—	1	'345	
—	—	1	'010	1	'010	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'025	
2	'010	1	'100	1	'005	2	'015	2	'060	4	'140	4	'080	3	'070	1	'005	2	'010	2	'010	2	'020	5	1'035	
—	—	—	—	2	'015	1	'005	1	'005	1	'010	1	'005	1	'040	1	'035	1	'020	1	'005	3	'020	2	'175	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'040	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	1	'080	1	'005	1	'005	1	'105	
—	—	—	—	1	'005	—	—	—	—	1	'005	—	—	2	'045	1	'055	3	'145	3	'115	5	'175	5	1'457	
1	'005	1	'022	2	'010	2	'045	1	'015	1	'010	1	'005	1	'020	1	'005	3	'140	2	'040	4	'125	5	1'110	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4	'175	3	'190	4	'220	4	'060	3	'065	3	'090	3	'060	3	'085	1	'030	1	'015	3	'075	3	'055	4	1'630	
2	'015	2	'040	4	'075	1	'015	1	'015	1	'040	—	—	1	'010	1	'005	—	—	1	'010	2	'100	5	1'160	
—	—	—	—	1	'005	1	'010	—	—	—	—	1	'005	1	'005	1	'010	1	'045	—	—	1	'005	2	'120	
—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	1	'005	1	'005	1	'010	2	'040	1	'065	
—	—	1	'005	—	—	1	'005	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	3	'225	
2	'035	1	'010	1	'040	3	'035	2	'015	1	'005	2	'010	1	'020	1	'010	2	'210	1	'025	2	'130	5	'665	
2	'025	1	'015	3	'065	2	'045	1	'010	1	'005	2	'015	1	'005	—	—	2	'015	2	'030	—	—	3	'550	
—	—	—	—	—	—	—	—	—	—	1	'020	1	'045	1	'040	1	'015	—	—	—	—	—	—	1	'120	
1	'005	—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	1	'005	—	—	—	—	—	—	4	'575	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'020	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1	'005	1	'010	1	'005	1	'015	1	'050	3	'065	2	'035	1	'020	1	'040	1	'040	1	'040	2	'015	4	'590	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	1	'010
—	—	—	—	1	'020	1	'020	—	—	—	—	1	'005	1	'085	1	'095	1	'020	1	'025	1	'010	2	'340	
1	'060	—	—	1	'005	1	'005	1	'025	1	'015	—	—	1	'005	1	'010	1	'045	—	—	1	'020	1	'190	
1	'010	1	'005	2	'010	2	'065	2	'120	2	'120	3	'090	3	'105	3	'125	3	'475	2	'185	4	'120	4	1'865	
—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	1	'005	1	'005	—	—	3	'270	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'045	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'025	2	'320
1	'015	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'030	4	'625

which a fall of less than 0.01 in. was measured have been disregarded.

* Six-day period.

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL

Five-day Periods.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1888. July 30-4	1	in. '020	1	in. '045	1	in. '005	1	in. '050	1	in. '030	2	in. '045	2	in. '030	1	in. '030	1	in. '105	1	in. '165	1	in. '030	1	in. '060		
" 5-9	—	—	1	'010	1	'115	—	—	1	'005	—	—	1	'005	—	—	—	—	—	—	—	—	—	—		
" 10-14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 15-19	2	'155	1	'040	2	'030	1	'030	1	'010	1	'005	—	—	2	'015	1	'005	1	'020	1	'005	2	'035		
" 20-24	1	'020	1	'015	1	'005	—	—	2	'020	2	'010	3	'075	1	'010	—	—	2	'010	1	'015	—	—		
" 25-29	2	'140	3	'220	4	'105	4	'190	4	'070	3	'065	1	'005	1	'005	2	'055	2	'010	1	'050	3	'160		
Aug. 30-3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'280	1	'080	1	'145	3	'240		
" 4-8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 9-13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 14-18	—	—	—	—	—	—	—	—	—	—	1	'015	1	'010	—	—	1	'005	—	—	—	—	—	—		
" 19-23	1	'005	3	'065	1	'130	2	'095	1	'030	2	'070	2	'045	1	'015	1	'025	1	'045	1	'300	1	'410		
" 24-28	1	'040	2	'025	2	'050	2	'065	2	'045	2	'030	3	'160	2	'030	1	'015	3	'070	1	'040	1	'005		
Sept. 29-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	1	'020	1	'015		
" 3-7	1	'005	—	—	—	—	1	'010	1	'020	2	'025	1	'010	1	'035	—	—	1	'010	—	—	—	—		
" 8-12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 13-17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 18-22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 23-27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'015	1	'025	—	—	1	'015		
Oct. 28-2	3	'050	4	'055	1	'005	2	'055	2	'030	2	'025	2	'035	1	'010	1	'005	1	'005	—	—	1	'010		
" 3-7	2	'035	2	'120	2	'030	2	'080	3	'125	2	'065	1	'015	1	'015	1	'005	1	'005	—	—	4	'040		
" 8-12	1	'030	—	—	1	'020	1	'015	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 13-17	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	1	'010	1	'005	1	'005	—	—	—	—		
" 18-22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'035	1	'005	—	—		
" 23-27	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Nov. 28-1	—	—	—	—	1	'005	1	'025	1	'105	2	'100	3	'080	4	'170	2	'115	1	'095	1	'070	2	'280		
" 2-6	4	'070	2	'035	1	'040	—	—	1	'030	1	'080	1	'010	2	'050	2	'130	3	'120	2	'035	1	'070		
" 7-11	2	'015	1	'015	2	'010	1	'020	1	'005	1	'005	1	'010	1	'010	1	'040	1	'020	2	'075	2	'105		
" 12-16	1	'015	2	'060	1	'045	1	'010	2	'015	1	'015	1	'030	1	'010	3	'065	1	'015	2	'165	1	'200		
" 17-21	—	—	1	'020	2	'030	1	'030	1	'010	2	'025	1	'005	—	—	—	—	—	—	—	—	—	—		
" 22-26	1	'005	1	'005	—	—	2	'015	2	'015	—	—	—	—	—	—	2	'010	—	—	—	—	—	—		
Dec. 27-1	2	'025	2	'145	2	'155	3	'105	2	'015	3	'020	—	—	2	'050	1	'015	—	—	—	—	1	'030		
" 2-6	2	'050	3	'060	1	'005	3	'030	1	'005	—	—	1	'005	2	'025	—	—	2	'045	2	'055	2	'095		
" 7-11	1	'035	1	'030	1	'025	1	'020	1	'025	1	'015	1	'020	1	'040	1	'030	1	'030	1	'025	1	'035		
" 12-16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 17-21	2	'030	2	'060	2	'030	2	'030	2	'025	2	'110	2	'035	1	'015	1	'035	1	'005	—	—	1	'010		
" 22-26	3	'045	3	'080	2	'050	3	'030	2	'035	3	'060	3	'095	2	'110	—	—	2	'040	1	'050	3	'045		
" 27-31	2	'025	2	'085	1	'015	1	'005	—	—	1	'015	—	—	—	—	—	—	—	—	—	—	—	—		

NOTE.—In estimating the number of DAYS on which Rain fell, those on

AMOUNTS of RAINFALL registered therein, for FIVE-DAY PERIODS—*continued.*

P.M.														Midt.		Totals for the Five Days.									
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Days (see Note).	Amount.
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1	in. '030	1	in. '005	1	in. '005	—	in. —	—	in. —	—	in. —	1	in. '005	1	in. '005	1	in. '020	—	in. —	2	in. '015	2	in. '060	3	ins. '850
1	'055	2	'025	1	'005	1	'125	2	'020	—	—	1	'010	2	'015	—	—	—	—	—	—	—	—	4	'390
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	1	'010	1	'005	1	'025	
2	'025	2	'047	3	'135	2	'110	2	'050	2	'023	1	'170	1	'345	1	'225	2	'115	2	'065	2	'020	5	'680
—	—	—	—	—	—	1	'015	1	'055	1	'010	2	'045	1	'015	1	'005	3	'045	1	'005	1	'010	5	'385
3	'070	2	'055	3	'155	3	'125	2	'010	1	'085	1	'005	—	—	—	—	—	—	—	—	1	'010	5	'590
3	'215	3	'188	2	'042	1	'005	2	'017	2	'023	—	—	—	—	—	—	—	—	—	—	—	—	3	'235
—	—	—	—	—	—	—	—	1	'005	1	'065	1	'070	1	'070	1	'045	1	'025	1	'005	1	'005	1	'290
—	—	1	'005	—	—	—	—	—	—	—	—	1	'005	1	'005	1	'020	1	'015	—	—	—	—	2	'050
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'030
2	'200	1	'030	2	'205	2	'025	—	—	1	'010	—	—	—	—	—	—	1	'005	1	'040	1	'005	5	'755
—	—	1	'110	1	'090	1	'010	1	'010	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	4	'800
2	'095	1	'050	1	'045	1	'040	1	'025	1	'080	2	'025	—	—	—	—	1	'005	—	—	1	'010	3	'415
—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	1	'015	1	'005	—	—	—	—	—	—	4	'145
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	—	—	—	—	1	'010
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	'005	—	—	1	'015	1	'070	1	'040	1	'005	2	'035	1	'060	1	'030	1	'070	1	'100	1	'065	2	'550
1	'020	—	—	—	—	1	'005	—	—	1	'005	—	—	—	—	—	—	1	'005	1	'010	4	'055	4	'475
1	'015	2	'025	—	—	2	'015	3	'025	4	'050	3	'125	1	'075	—	—	1	'015	1	'010	—	—	5	'890
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	2	'075
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'025
—	—	—	—	—	—	1	'005	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	1	'005	1	'055
—	—	—	—	1	'030	—	—	—	—	—	—	—	—	2	'010	—	—	—	—	—	—	2	'010	2	'055
2	'035	1	'005	1	'005	2	'025	2	'075	1	'010	1	'040	1	'050	2	'035	2	'050	1	'005	1	'005	5	'385
2	'150	3	'145	3	'070	3	'140	1	'140	2	'035	3	'055	1	'020	3	'095	3	'085	1	'080	4	'060	5	'745
2	'125	2	'130	2	'180	2	'480	2	'170	1	'105	3	'040	2	'185	3	'090	1	'005	1	'015	1	'005	4	'860
2	'180	3	'210	4	'100	2	'030	3	'055	3	'035	3	'025	3	'015	1	'005	3	'015	1	'005	3	'025	5	'345
1	'010	—	—	—	—	2	'010	1	'015	—	—	1	'005	—	—	1	'005	2	'010	—	—	1	'005	3	'180
—	—	1	'005	1	'010	2	'040	—	—	2	'020	2	'010	2	'120	1	'085	1	'020	1	'040	1	'035	4	'435
—	—	1	'010	1	'005	1	'020	3	'125	3	'160	1	'055	2	'190	3	'410	3	'240	1	'120	1	'005	4	'900
2	'090	2	'110	2	'050	2	'090	1	'070	1	'020	1	'005	3	'030	2	'045	2	'015	1	'005	3	'020	4	'925
2	'125	2	'130	2	'050	1	'060	—	—	—	—	—	—	—	—	1	'025	2	'010	—	—	1	'005	3	'735
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	1	'070	1	'190	1	'010	—	—	1	'025	—	—	—	—	—	—	—	—	2	'020	2	'015	3	'715
3	'075	2	'040	2	'035	2	'075	2	'080	2	'010	1	'005	2	'050	1	'075	1	'055	2	'065	3	'060	5	'265
—	—	—	—	—	—	1	'010	1	'020	2	'010	1	'015	—	—	1	'040	2	'025	1	'045	1	'015	3	'325

which a fall of less than 0.01 in. was measured have been disregarded.

FALMOUTH OBSERVATORY

TABLE VI.—HOURLY and DAILY MEANS of
Barometer Cistern, 183 feet

1888.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	ins. 30°054	ins. 30°047	ins. 30°046	ins. 30°047	ins. 30°043	ins. 30°039	ins. 30°038	ins. 30°039	ins. 30°048	ins. 30°053	ins. 30°061	ins. 30°061	ins. 30°052
Feb. -	29°839	29°837	29°835	29°834	29°833	29°832	29°836	29°838	29°850	29°855	29°862	29°863	29°859
March -	29°473	29°465	29°457	29°445	29°438	29°435	29°434	29°436	29°445	29°448	29°453	29°457	29°459
April -	29°749	29°743	29°738	29°731	29°726	29°723	29°728	29°732	29°735	29°735	29°738	29°737	29°734
May -	29°858	29°855	29°849	29°844	29°840	29°840	29°847	29°851	29°857	29°859	29°864	29°868	29°870
June -	29°756	29°747	29°741	29°734	29°733	29°734	29°740	29°744	29°749	29°749	29°752	29°756	29°757
July -	29°619	29°613	29°608	29°603	29°599	29°599	29°605	29°608	29°614	29°613	29°616	29°616	29°616
August -	29°841	29°837	29°833	29°828	29°823	29°824	29°831	29°835	29°840	29°843	29°848	29°848	29°847
Sept. -	29°980	29°974	29°968	29°960	29°959	29°957	29°963	29°970	29°978	29°983	29°987	29°985	29°982
Oct. -	29°890	29°887	29°882	29°873	29°869	29°870	29°869	29°874	29°882	29°886	29°890	29°890	29°885
Nov. -	29°597	29°589	29°583	29°579	29°572	29°571	29°572	29°574	29°584	29°588	29°593	29°594	29°585
Dec. -	29°736	29°729	29°729	29°728	29°722	29°719	29°720	29°721	29°731	29°736	29°745	29°745	29°733
Year -	29°783	29°777	29°772	29°767	29°763	29°762	29°765	29°769	29°776	29°779	29°784	29°785	29°782

TABLE VII.—HOURLY and DAILY MEANS of
Thermometer, 4

1888.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	42°7	42°7	42°5	42°2	42°1	42°1	41°9	41°9	41°9	42°2	43°0	43°6	43°8
Feb. -	37°2	37°1	36°7	36°6	36°4	36°4	36°0	36°1	36°0	36°8	37°8	38°8	39°7
March -	39°1	39°1	39°0	39°0	38°5	38°5	38°2	38°3	39°1	40°7	41°6	42°3	42°7
April -	42°4	42°3	42°0	42°0	41°8	41°9	41°8	42°6	44°0	45°4	46°2	47°1	47°3
May -	47°9	47°9	47°7	47°7	47°7	47°8	49°0	50°8	52°0	53°2	53°8	54°5	54°7
June -	53°1	53°0	52°6	52°4	52°3	52°6	53°6	55°5	56°8	58°0	58°7	58°9	59°1
July -	54°7	54°6	54°2	54°1	53°8	53°9	54°7	56°2	57°0	58°4	59°3	60°2	59°9
August -	55°2	55°1	55°2	55°1	55°0	55°1	55°3	57°2	58°6	59°6	60°4	60°9	61°0
Sept. -	53°9	53°6	53°5	53°5	53°0	52°9	52°7	53°5	55°3	57°2	58°1	58°9	59°2
Oct. -	49°5	49°5	49°1	48°9	48°9	48°8	48°9	49°3	50°2	51°8	53°0	53°9	53°9
Nov. -	49°2	49°2	48°9	49°0	48°8	49°0	48°6	48°8	48°7	49°7	50°5	51°5	51°6
Dec. -	46°3	46°3	46°2	46°2	46°0	46°2	45°9	46°1	45°8	46°2	46°7	47°8	48°5
Year -	47°6	47°5	47°3	47°2	47°0	47°1	47°2	48°0	48°8	49°9	50°8	51°5	51°8

TABLE VIII.—HOURLY and DAILY MEAN DIFFERENCE between the DRY-BULB

1888.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	1°5	1°5	1°4	1°3	1°4	1°4	1°4	1°4	1°4	1°4	1°8	1°8	1°9
Feb. -	2°2	2°0	2°0	2°2	2°2	2°3	2°0	2°2	2°2	2°2	2°5	2°7	3°1
March -	1°5	1°6	1°5	1°5	1°6	1°5	1°5	1°6	1°7	2°1	2°3	2°7	2°8
April -	1°6	1°4	1°4	1°5	1°5	1°5	1°5	1°7	2°2	2°6	3°2	3°4	3°5
May -	1°7	1°6	1°6	1°7	1°7	1°4	2°0	2°4	3°0	3°5	3°7	3°9	4°1
June -	1°3	1°1	1°0	0°9	1°0	1°0	1°3	2°0	2°7	3°2	3°5	3°6	3°6
July -	1°3	1°3	1°2	1°3	1°3	1°2	1°5	2°1	2°6	3°2	3°6	3°8	3°8
August -	1°7	1°4	1°4	1°4	1°3	1°4	1°3	1°9	2°5	3°1	3°6	4°0	4°2
Sept. -	1°6	1°4	1°5	1°5	1°4	1°4	1°5	1°8	2°2	3°0	3°5	3°8	3°9
Oct. -	2°2	2°2	2°1	2°0	2°0	2°0	2°1	2°1	2°4	2°8	3°4	3°8	3°8
Nov. -	1°7	1°6	1°5	1°6	1°6	1°7	1°8	1°7	1°7	2°2	2°5	2°6	2°6
Dec. -	1°8	1°8	1°9	1°8	1°7	1°6	1°6	1°7	1°6	1°7	1°9	2°0	2°3
Year -	1°7	1°6	1°5	1°6	1°6	1°5	1°6	1°9	2°2	2°6	2°9	3°2	3°3

LAT. 50° 9' N. LONG. 5° 4' W.

PRESSURE for each CALENDAR MONTH and for the YEAR.
above Mean Sea Level.

P.M.											Midt.	Daily Means (Month).	1888.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
ins. 30°037	ins. 30°031	ins. 30°030	ins. 30°034	ins. 30°036	ins. 30°041	ins. 30°042	ins. 30°042	ins. 30°042	ins. 30°043	ins. 30°043	ins. 30°042	ins. 30°044	Jan.
29°850	29°844	29°840	29°842	29°847	29°857	29°862	29°866	29°868	29°872	29°868	29°870	29°850	Feb.
29°457	29°452	29°450	29°451	29°454	29°461	29°468	29°463	29°467	29°468	29°465	29°462	29°455	March.
29°731	29°729	29°722	29°716	29°716	29°715	29°721	29°730	29°734	29°734	29°729	29°728	29°730	April.
29°871	29°874	29°870	29°871	29°868	29°870	29°874	29°881	29°890	29°892	29°890	29°890	29°866	May.
29°754	29°754	29°751	29°751	29°746	29°746	29°746	29°748	29°756	29°756	29°752	29°748	29°748	June.
29°613	29°611	29°607	29°608	29°606	29°607	29°611	29°617	29°623	29°624	29°622	29°618	29°612	July.
29°846	29°845	29°840	29°840	29°841	29°842	29°846	29°855	29°859	29°861	29°859	29°855	29°843	August.
29°975	29°969	29°962	29°957	29°955	29°957	29°963	29°972	29°972	29°972	29°970	29°964	29°969	Sept.
29°877	29°869	29°865	29°864	29°866	29°874	29°877	29°883	29°887	29°889	29°886	29°885	29°879	Oct.
29°574	29°569	29°564	29°571	29°574	29°582	29°583	29°586	29°590	29°593	29°591	29°593	29°582	Nov.
29°721	29°714	29°712	29°717	29°725	29°733	29°738	29°746	29°746	29°748	29°748	29°748	29°732	Dec.
29°776	29°772	29°768	29°769	29°770	29°774	29°778	29°783	29°786	29°788	29°785	29°784	29°776	Year.

TEMPERATURE for each CALENDAR MONTH and for the YEAR.
feet above Ground.

P.M.											Midt.	Daily Means (Month).	1888.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
44°2	44°1	43°9	43°6	43°3	43°0	42°8	42°8	42°8	42°7	42°7	42°6	42°8	Jan.
40°1	40°1	40°1	39°9	39°1	38°2	37°7	37°5	37°3	37°2	37°1	37°0	37°7	Feb.
43°7	43°5	43°5	43°1	42°5	41°4	40°5	39°9	39°8	39°7	39°6	39°5	40°5	March.
47°9	47°8	47°7	47°1	46°8	45°8	44°8	43°9	43°6	43°2	43°0	42°6	44°4	April.
55°3	55°0	55°2	54°5	53°9	52°9	51°7	49°9	49°1	48°5	48°3	48°0	51°1	May.
59°2	59°8	59°6	59°3	58°9	57°9	57°2	55°5	54°2	53°6	53°5	53°2	55°9	June.
60°0	60°0	59°7	59°2	59°2	58°5	57°6	56°4	55°5	55°1	55°0	54°7	56°9	July.
61°5	61°6	61°6	61°0	60°3	59°4	58°3	56°9	56°4	55°6	55°4	55°1	57°9	August.
59°7	59°6	59°5	58°9	58°3	57°2	55°9	54°9	54°5	54°0	53°7	53°7	55°8	Sept.
54°1	54°2	54°0	53°2	52°3	51°0	50°6	50°4	50°0	49°9	49°8	49°6	51°0	Oct.
51°8	51°3	51°3	50°7	50°3	50°1	50°1	49°7	49°4	49°2	49°4	49°1	49°8	Nov.
48°8	48°7	48°5	47°8	47°3	46°8	46°6	46°2	46°3	46°2	46°3	46°1	46°8	Dec.
52°2	52°1	52°1	51°5	51°0	50°2	49°5	48°7	48°2	47°9	47°8	47°6	49°2	Year.

and WET-BULB THERMOMETERS, for each CALENDAR MONTH and for the YEAR.

P.M.											Midt.	Daily Means (Month).	1888.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
2°1	2°0	1°8	1°8	1°7	1°5	1°4	1°4	1°3	1°3	1°3	1°4	1°5	Jan.
3°1	3°2	3°1	3°2	2°9	2°5	2°2	2°2	2°0	2°1	2°1	2°2	2°4	Feb.
3°1	3°2	3°3	3°2	3°0	2°7	2°1	1°9	1°8	1°7	1°6	1°6	2°1	March.
3°5	3°5	3°4	3°2	3°2	2°8	2°4	2°0	1°8	1°7	1°6	1°5	2°3	April.
4°5	4°6	4°9	4°7	4°2	3°9	3°2	2°5	2°2	1°9	1°8	1°8	2°9	May.
3°7	4°1	3°9	4°1	3°9	3°6	3°0	2°3	1°6	1°4	1°4	1°3	2°4	June.
3°6	3°7	3°6	3°6	3°6	3°4	2°8	2°3	1°8	2°0	1°5	1°3	2°5	July.
4°4	4°5	4°5	4°3	4°1	3°7	2°8	2°1	2°0	1°7	1°6	1°7	2°7	August.
3°9	3°8	3°8	3°6	3°3	2°7	2°1	1°7	1°7	1°6	1°5	1°6	2°4	Sept.
3°9	4°1	3°9	3°6	3°0	2°6	2°5	2°5	2°3	2°4	2°3	2°2	2°7	Oct.
2°6	2°4	2°3	2°2	2°0	2°1	1°9	1°8	1°7	1°8	1°8	1°7	1°9	Nov.
2°4	2°5	2°5	2°2	2°1	2°0	2°0	1°8	1°8	1°9	1°9	1°7	1°9	Dec.
3°4	3°5	3°4	3°3	3°1	2°8	2°4	2°0	1°8	1°8	1°7	1°7	2°3	Year.

FALMOUTH OBSERVATORY

TABLE IX.—MEAN HOURLY and DAILY WIND

1888.	A.M.																				Noon.			
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
January	- 3'4	+ 0'4	- 2'8	- 0'5	- 2'9	- 0'6	- 3'2	- 0'9	- 2'9	- 0'3	- 3'1	+ 0'3	- 3'0	- 0'2	- 2'1	+ 0'5	- 2'0	+ 0'6	- 1'5	- 0'2	- 1'7	- 1'6	- 1'6	- 1'8
February	+ 12'0	- 2'6	+ 12'1	- 1'8	+ 11'9	- 2'2	+ 12'3	- 2'3	+ 11'6	- 2'3	+ 12'2	- 2'4	+ 12'7	- 2'0	+ 12'0	- 1'8	+ 12'6	- 2'0	+ 13'3	- 2'1	+ 14'0	- 2'0	+ 12'9	- 3'4
March	+ 1'0	- 5'6	+ 0'6	- 4'7	- 0'5	- 4'2	+ 0'3	- 4'9	+ 0'7	- 4'6	+ 0'8	- 4'9	- 1'6	- 5'1	+ 1'8	- 5'4	+ 2'6	- 6'3	+ 3'2	- 6'3	+ 4'7	- 6'2	+ 2'2	- 7'2
April	+ 2'5	- 3'3	+ 2'1	- 4'2	+ 3'2	- 5'1	+ 3'8	- 4'9	+ 3'9	- 4'9	+ 3'3	- 5'6	+ 4'6	- 5'2	+ 3'9	- 5'6	+ 3'9	- 5'1	+ 3'1	- 5'0	+ 1'2	- 4'3	+ 0'2	- 3'8
May	- 3'6	- 1'8	- 4'0	- 1'2	- 3'4	- 1'7	- 4'0	- 1'1	- 5'1	- 1'2	- 5'0	- 1'5	- 4'9	- 1'7	- 4'7	- 1'7	- 5'7	- 0'8	- 6'5	- 0'9	- 5'6	- 1'2	- 4'6	- 1'7
June	- 2'3	- 0'2	- 2'1	- 1'3	- 1'9	- 1'8	- 1'4	- 2'2	- 0'5	- 1'6	- 0'3	- 1'4	- 1'6	- 1'2	- 1'4	- 0'7	- 2'7	- 0'4	- 2'9	- 0'3	- 4'2	- 0'0	- 5'3	- 1'4
July	- 0'8	- 7'1	- 1'9	- 7'4	- 1'2	- 7'7	- 2'0	- 7'3	- 2'7	- 6'8	- 1'9	- 7'1	- 1'8	- 8'0	- 0'9	- 7'8	- 1'4	- 6'9	- 2'3	- 7'1	- 3'4	- 7'4	- 4'1	- 7'0
August	- 3'5	- 5'1	- 3'5	- 4'8	- 3'6	- 4'5	- 3'1	- 4'2	- 3'8	- 4'6	- 3'4	- 3'7	- 3'8	- 3'6	- 4'5	- 4'7	- 3'9	- 4'4	- 4'9	- 5'2	- 5'8	- 5'6	- 7'0	- 6'3
September	+ 2'7	- 0'3	+ 3'4	+ 0'1	+ 2'9	+ 0'5	+ 4'2	+ 0'2	+ 3'5	+ 0'6	+ 2'6	+ 0'0	+ 1'9	+ 1'1	+ 1'2	+ 1'1	+ 2'0	+ 1'7	+ 0'6	+ 2'2	+ 0'1	+ 1'7	- 0'8	+ 2'4
October	- 1'7	- 0'2	- 1'4	- 0'6	- 2'2	- 0'1	- 2'2	- 0'8	- 2'4	- 0'5	- 2'5	- 0'1	- 2'5	- 0'2	- 2'4	- 0'0	- 2'1	+ 0'3	- 1'7	+ 0'1	- 2'5	- 0'1	- 3'2	- 0'1
November	- 6'1	- 4'3	- 7'7	- 4'7	- 7'5	- 4'7	- 7'7	- 5'8	- 8'6	- 4'7	- 7'7	- 5'5	- 7'9	- 4'7	- 7'6	- 6'0	- 7'4	- 6'0	- 7'3	- 5'7	- 8'3	- 6'0	- 8'4	- 5'8
December	- 6'9	- 2'1	- 6'0	- 1'6	- 6'6	- 1'8	- 7'5	- 1'3	- 7'2	- 1'6	- 7'3	- 0'8	- 7'3	- 0'5	- 8'1	- 1'1	- 7'8	- 1'2	- 8'7	- 1'3	- 8'4	- 2'0	- 9'0	- 2'2
Year	- 0'8	- 2'7	- 0'9	- 2'7	- 1'0	- 2'8	- 0'9	- 3'0	- 1'1	- 2'7	- 1'0	- 2'7	- 1'3	- 2'6	- 1'1	- 2'8	- 1'0	- 2'5	- 1'3	- 2'7	- 1'7	- 2'9	- 2'4	- 3'2

TABLE X.—NUMBER of HOURS in which RAIN fell, and the
Rain-gauge 2 feet above Ground ;

1888.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.
January	2	in. '070	2	in. '010	2	in. '040	4	in. '067	3	in. '138	6	in. '185	7	in. '195	6	in. '205	7	in. '090	6	in. '070	1	in. '090	2	in. '220
February	—	—	2	'025	2	'020	2	'010	2	'025	2	'015	2	'020	1	'005	1	'050	5	'370	1	'020	1	'005
March	5	'505	6	'330	8	'345	7	'405	6	'270	7	'180	5	'142	4	'080	5	'185	9	'185	7	'165	9	'138
April	4	'095	4	'080	3	'040	4	'085	3	'020	2	'020	4	'075	6	'080	2	'045	2	'025	1	'015	3	'105
May	2	'030	2	'075	3	'045	4	'065	3	'045	2	'020	2	'070	3	'165	4	'095	5	'095	2	'065	4	'115
June	5	'225	6	'245	7	'255	7	'190	3	'035	3	'120	4	'060	3	'065	4	'100	4	'195	3	'075	4	'040
July	6	'335	7	'330	9	'350	6	'270	9	'135	8	'125	7	'115	5	'060	5	'445	7	'285	5	'245	8	'375
August	2	'045	5	'090	3	'180	4	'160	3	'075	5	'115	6	'215	3	'045	4	'050	4	'115	3	'360	3	'535
September	2	'040	3	'025	1	'005	3	'065	2	'030	4	'050	2	'040	2	'045	1	'015	2	'035	—	—	3	'040
October	5	'080	3	'150	3	'050	5	'125	6	'255	4	'165	4	'090	5	'170	5	'130	5	'145	2	'075	6	'320
November	10	'130	9	'280	9	'285	8	'180	9	'090	9	'150	5	'065	7	'145	9	'260	5	'155	6	'275	5	'405
December	10	'185	11	'315	7	'125	10	'115	6	'090	7	'200	7	'155	6	'190	2	'065	6	'120	4	'130	7	'185
Year	53	1'740	60	1'955	57	1'740	64	1'737	55	1'208	59	1'345	55	1'242	51	1'255	49	1'520	60	1'795	35	1'515	55	2'483

NOTE.—In estimating the number of DAYS on which Rain fell, those on which

LAT. 50° 9' N. LONG. 5° 4' W.

COMPONENTS for each CALENDAR MONTH and for the YEAR.

P.M.																						Midt.		Daily Means (Month).		1888.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
- 0'3	- 1'7	- 0'7	- 1'7	- 1'2	- 1'5	- 1'5	- 0'6	- 1'1	- 0'6	- 1'0	- 0'7	- 1'5	+ 0'4	- 1'8	0'0	- 1'4	- 0'5	- 0'8	0'0	- 2'1	- 0'7	- 2'4	- 0'4	- 1'9	- 0'5	January.
+ 13'5	- 3'5	+ 13'5	- 3'6	+ 13'9	- 3'2	+ 13'7	- 3'1	+ 13'0	- 2'8	+ 12'0	- 2'7	+ 11'0	- 2'3	+ 10'9	- 1'8	+ 9'7	- 1'8	+ 10'5	- 1'7	+ 10'4	- 2'0	+ 10'5	- 1'6	+ 12'2	- 2'4	February.
+ 1'6	- 6'7	+ 2'0	- 7'5	+ 1'9	- 9'0	+ 3'0	- 8'8	+ 2'5	- 8'1	+ 2'5	- 7'3	+ 1'4	- 5'6	+ 0'6	- 5'2	0'0	- 5'6	0'0	- 5'0	0'0	- 4'3	+ 1'9	- 4'9	+ 1'4	- 6'0	March.
+ 0'2	- 4'2	- 1'0	- 5'1	+ 0'3	- 5'8	+ 2'0	- 6'1	+ 2'7	- 7'0	+ 2'9	- 5'8	+ 2'3	- 5'0	+ 2'6	- 4'6	+ 2'4	- 3'6	+ 2'0	- 3'8	+ 1'1	- 3'8	+ 2'1	- 4'4	+ 2'3	- 4'8	April.
- 5'4	- 1'8	- 5'2	- 2'9	- 3'9	- 3'4	- 3'5	- 4'1	- 2'1	- 4'2	- 1'6	- 4'1	- 1'4	- 4'8	- 0'5	- 3'5	- 1'3	- 2'6	- 1'8	- 2'8	- 2'9	- 2'3	- 2'8	- 2'1	- 3'7	- 2'3	May.
- 4'9	- 1'2	- 5'3	- 1'5	- 4'0	- 2'4	- 2'8	- 2'9	- 2'1	- 2'9	- 1'3	- 3'0	- 1'6	- 2'5	- 2'3	- 1'6	- 2'3	- 2'0	- 1'9	- 1'5	- 1'9	- 1'1	- 1'2	- 1'1	- 2'4	- 1'5	June.
- 3'8	- 8'7	- 3'8	- 9'8	- 2'3	- 10'6	- 1'8	- 11'3	- 0'8	- 11'3	- 0'2	- 9'9	- 0'1	- 9'2	- 0'6	- 7'8	- 0'2	- 7'9	- 0'3	- 7'7	- 0'9	- 7'9	- 0'7	- 7'7	- 1'7	- 8'2	July.
- 6'4	- 6'3	- 6'5	- 7'0	- 7'3	- 6'7	- 4'2	- 7'7	- 3'6	- 7'3	- 3'9	- 6'2	- 4'0	- 5'3	- 3'4	- 4'7	- 3'1	- 5'4	- 3'3	- 4'9	- 3'7	- 5'0	- 3'1	- 5'7	- 4'3	- 5'4	August.
- 0'6	+ 1'4	+ 0'8	+ 0'4	+ 1'1	- 0'9	+ 1'8	- 0'7	+ 3'1	- 0'6	+ 3'5	- 0'2	+ 2'5	- 0'7	+ 2'4	- 0'5	+ 2'8	- 0'4	+ 2'3	- 0'6	+ 3'1	+ 0'7	+ 2'9	+ 0'6	+ 2'1	+ 0'4	September.
- 2'6	- 1'0	- 2'0	- 1'7	- 0'3	- 2'0	- 0'6	- 1'4	- 0'9	- 0'7	- 1'4	- 0'3	- 1'6	- 1'4	- 1'2	- 0'6	- 1'6	0'0	- 1'5	- 0'4	- 2'3	- 0'4	- 1'9	- 0'4	- 1'9	- 0'5	October.
- 8'8	- 5'9	- 7'9	- 6'1	- 7'2	- 4'9	- 5'0	- 4'9	- 4'4	- 5'1	- 4'8	- 3'4	- 5'7	- 3'1	- 5'7	- 2'8	- 4'3	- 4'0	- 5'8	- 4'0	- 6'6	- 3'7	- 5'5	- 4'2	- 6'8	- 4'8	November.
- 8'8	- 1'8	- 8'5	- 2'0	- 8'1	- 2'6	- 8'0	- 2'7	- 6'1	- 3'3	- 5'9	- 3'3	- 6'3	- 2'8	- 7'2	- 2'5	- 7'2	- 2'1	- 7'4	- 1'2	- 7'0	- 1'3	- 7'3	- 1'1	- 7'4	- 1'8	December.
- 2'2	- 3'5	- 2'1	- 4'0	- 1'4	- 4'4	- 0'6	- 4'5	0'0	- 4'5	+ 0'1	- 3'9	- 0'4	- 3'5	- 0'5	- 3'0	- 0'5	- 3'0	- 0'7	- 2'8	- 1'1	- 2'7	- 0'6	- 2'8	- 1'0	- 3'2	Year.

TOTAL AMOUNTS of RAINFALL MEASURED, for each HOUR, and CALENDAR MONTH, and for the YEAR.

169 feet above Mean Sea Level.

P.M.																							Midt.		Monthly Totals.		1888.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Rainy Days.	Amount.		
2	in. '110	3	in. '070	4	in. '120	4	in. '035	5	in. '080	4	in. '110	4	in. '105	3	in. '095	8	in. '150	6	in. '105	5	in. '080	7	in. '095	18	ins. 2'525	January.	
2	'010	2	'110	4	'030	4	'025	3	'065	5	'150	5	'085	4	'110	2	'040	3	'030	3	'015	5	'040	9	1'275	February.	
7	'195	6	'252	11	'310	7	'120	5	'095	6	'145	4	'065	7	'160	5	'105	8	'380	10	'245	15	'460	20	5'462	March.	
4	'060	3	'030	5	'110	7	'095	4	'030	4	'035	6	'075	4	'070	4	'040	6	'275	4	'065	5	'175	15	1'745	April.	
2	'010	1	'010	2	'025	2	'035	1	'050	3	'065	4	'045	3	'110	3	'140	2	'060	2	'065	4	'035	13	1'535	May.	
3	'085	2	'010	3	'015	3	'070	3	'145	3	'135	4	'095	4	'110	4	'135	5	'525	3	'190	7	'195	15	3'315	June.	
9	'295	9	'300	10	'342	8	'380	9	'152	6	'141	6	'235	5	'380	3	'250	6	'170	6	'095	7	'105	25	5'915	July.	
4	'330	4	'165	3	'295	3	'035	2	'015	2	'075	3	'080	2	'075	2	'065	3	'045	3	'050	3	'020	16	3'235	August.	
3	'090	1	'050	2	'060	3	'115	2	'065	4	'095	4	'060	2	'075	2	'035	3	'085	1	'100	3	'075	10	1'295	September.	
3	'050	3	'030	2	'035	5	'045	5	'100	6	'065	4	'165	4	'135	2	'035	4	'160	3	'025	7	'070	17	2'670	October.	
7	'465	10	'500	11	'365	12	'720	10	'505	11	'355	13	'190	10	'530	12	'690	13	'375	5	'260	10	'130	26	7'505	November.	
7	'290	7	'350	7	'325	7	'245	4	'170	6	'065	3	'025	5	'080	5	'185	7	'105	6	'135	11	'120	18	3'970	December.	
53	1'990	51	1'877	64	2'032	65	1'920	53	1'472	60	1'436	60	1'225	53	1'930	52	1'870	66	2'315	51	1'325	84	1'520	202	40'447	Year.	

* total fall of less than 0'01 in. of rain was measured have been disregarded.

FALMOUTH OBSERVATORY

TABLE XI.—NUMBER of OBSERVATIONS of WIND, and the MEAN VELOCITY, referred to Eight Points, for each
each HOUR and for the DAY; and the MAXIMUM VELOCITY
JANUARY 1888.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	1	19	3	17	4	13	4	12	4	13	3	10	3	9	2	7	3	9	3	11	3	15	3	12
NE	4	14	4	14	3	15	3	14	1	21	2	17	4	13	4	12	3	15	4	14	4	14	4	14
E	4	21	5	16	4	19	4	20	7	16	6	18	2	12	2	25	2	14	2	26	3	23	2	26
SE	4	15	3	15	4	14	3	15	2	17	4	14	6	20	5	18	6	19	5	14	4	15	4	16
S	5	21	5	22	4	22	5	19	4	22	3	24	4	21	3	26	4	20	5	18	3	23	4	24
SW	4	17	3	18	5	18	4	20	4	22	4	15	5	14	5	14	5	14	3	18	6	19	5	15
W	5	18	6	20	5	19	5	19	5	19	5	18	3	21	2	19	3	14	3	15	2	21	4	19
NW	2	22	1	16	1	13	2	13	2	15	2	26	3	20	4	22	3	24	4	26	4	28	4	27
Calms	2	—	1	—	1	—	1	—	2	—	2	—	1	—	4	—	2	—	2	—	2	—	1	—
Mean Velocity irrespective of Direction	—	17	—	17	—	17	—	16	—	17	—	16	—	16	—	15	—	15	—	16	—	18	—	18

FEBRUARY.

N	13	17	12	19	13	20	12	20	11	19	12	17	13	17	11	20	13	17	11	21	10	22	11	21
NE	5	13	6	13	6	13	6	13	6	15	4	17	4	14	6	14	5	16	7	17	8	17	5	16
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
SE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
S	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
SW	0	—	1	13	0	—	0	—	1	13	1	8	0	—	1	7	0	—	1	10	1	15	1	27
W	5	13	4	12	6	12	5	12	2	10	2	14	5	11	3	10	5	11	4	14	4	13	5	18
NW	6	18	6	17	4	12	5	15	6	16	7	19	5	22	7	13	6	16	6	15	5	25	5	22
Calms	0	—	0	—	0	—	1	—	3	—	3	—	2	—	1	—	0	—	0	—	1	—	2	—
Mean Velocity irrespective of Direction	—	16	—	16	—	16	—	16	—	15	—	15	—	15	—	15	—	16	—	17	—	19	—	18

MARCH.

N	7	14	9	12	9	15	9	14	8	16	8	16	7	16	9	17	7	21	8	20	8	20	8	24
NE	3	12	3	13	2	12	2	13	1	14	1	13	2	13	2	14	4	16	3	13	4	16	2	14
E	0	—	0	—	1	8	2	16	1	11	2	20	1	11	2	17	1	11	1	11	2	11	1	15
SE	3	20	2	19	1	20	0	—	2	30	0	—	1	30	0	—	2	19	0	—	0	—	2	9
S	0	—	1	37	3	38	2	32	0	—	2	33	1	31	2	17	0	—	2	15	1	14	3	19
SW	6	28	5	32	5	26	7	24	5	35	6	26	7	27	5	23	7	23	8	23	8	25	8	24
W	4	16	4	16	2	16	4	14	4	11	3	10	3	10	4	25	3	27	1	57	2	34	4	25
NW	5	17	5	15	5	14	3	15	7	14	7	14	5	15	3	14	4	15	5	19	5	21	2	29
Calms	3	—	2	—	3	—	2	—	3	—	2	—	4	—	4	—	3	—	3	—	1	—	1	—
Mean Velocity irrespective of Direction	—	16	—	17	—	17	—	17	—	17	—	17	—	16	—	16	—	18	—	18	—	21	—	21

APRIL.

N	10	10	8	9	6	12	9	12	8	11	7	11	9	11	7	10	6	13	4	14	1	14	1	18
NE	3	13	4	14	4	16	5	13	6	14	5	15	5	15	6	15	8	15	8	15	8	15	6	15
E	2	13	3	12	3	11	1	8	1	8	1	7	0	—	1	11	0	—	2	13	3	12	5	13
SE	1	12	0	—	0	—	0	—	0	—	0	—	1	7	0	—	0	—	0	—	1	8	1	11
S	0	—	1	24	1	25	0	—	2	20	0	—	1	22	1	23	2	22	3	17	3	18	3	18
SW	5	17	5	16	4	19	6	19	4	19	5	20	5	18	5	21	4	24	4	26	4	28	4	29
W	6	18	5	19	4	22	4	20	3	25	6	24	3	21	4	26	5	25	4	26	5	26	6	26
NW	2	23	2	22	5	17	4	17	4	18	4	12	6	19	4	21	4	20	4	24	4	22	3	17
Calms	1	—	2	—	3	—	1	—	2	—	2	—	0	—	2	—	1	—	1	—	1	—	1	—
Mean Velocity irrespective of Direction	—	14	—	14	—	15	—	15	—	15	—	15	—	16	—	16	—	18	—	18	—	19	—	19

LAT. 50° 9' N. LONG. 5° 4' W.

Hour and for the DAY, for each CALENDAR MONTH. Also the MEAN VELOCITY irrespective of DIRECTION, for observed during the MONTH from each of the Eight Points.

JANUARY 1888.

P.M.																				Midt.		Monthly Totals and Means.		Maximum Velocity.		
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.					24.	
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.		No.	V.
4	19	3	20	3	17	2	17	1	12	1	10	2	22	1	33	1	8	3	18	2	19	2	16	61	15	38
3	15	2	16	2	20	2	15	3	17	3	18	3	19	4	17	2	22	3	15	2	14	3	16	72	15	25
3	20	7	16	5	17	6	18	5	16	5	15	5	16	4	16	5	15	4	19	5	18	4	16	101	18	35
4	15	3	12	5	13	4	13	4	14	3	12	3	11	4	12	4	12	3	12	4	12	4	15	95	15	36
4	22	2	32	3	22	3	23	3	22	4	21	3	26	3	26	3	27	3	28	4	24	4	27	88	23	40
4	16	6	16	5	17	5	17	5	18	4	18	5	16	5	17	3	17	3	19	4	15	5	14	107	17	31
5	14	3	14	4	14	4	14	2	14	3	13	4	16	3	14	5	17	6	14	6	17	4	18	97	17	40
3	32	4	28	3	28	4	23	6	22	7	18	3	17	4	19	5	18	3	23	2	25	3	24	79	22	46
1	—	1	—	1	—	1	—	2	—	1	—	3	—	3	—	3	—	3	—	2	—	2	—	44	—	—
—	18	—	18	—	17	—	17	—	16	—	16	—	16	—	16	—	16	—	16	—	17	—	17	—	17	—

FEBRUARY.

11	22	13	21	9	23	10	21	13	20	13	18	13	16	16	15	14	15	14	16	10	19	9	16	287	19	42
6	18	4	16	8	18	7	18	4	18	4	16	6	15	5	15	6	12	5	14	7	13	9	14	139	15	26
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—
1	23	1	29	2	21	1	18	1	18	1	6	0	—	1	12	1	13	0	—	1	11	0	—	17	16	29
4	15	4	19	2	17	5	16	5	14	5	13	6	13	5	12	6	12	7	13	4	13	6	11	109	13	30
5	22	6	21	7	19	5	20	5	14	6	15	3	16	2	18	1	25	3	15	5	14	5	15	121	17	40
2	—	1	—	1	—	1	—	1	—	0	—	1	—	0	—	1	—	0	—	2	—	0	—	23	—	—
—	19	—	19	—	19	—	18	—	17	—	16	—	15	—	14	—	14	—	14	—	14	—	14	—	16	—

MARCH.

8	25	8	22	7	25	7	24	9	20	11	17	10	15	9	15	9	14	10	13	9	12	8	13	202	17	37
1	18	2	18	3	16	2	15	1	17	2	16	2	17	2	14	0	—	1	8	3	15	3	13	51	14	28
2	15	2	14	1	11	1	7	2	10	0	—	0	—	0	—	1	20	1	18	0	—	0	—	24	14	28
1	7	2	9	1	8	0	—	0	—	0	—	1	24	1	17	0	—	1	18	2	21	2	23	24	18	35
4	17	3	23	1	24	1	26	3	23	2	16	4	18	4	22	3	19	3	21	2	30	1	13	48	23	42
8	26	7	28	9	25	9	25	8	23	9	22	4	27	5	23	5	28	4	30	5	24	5	30	155	26	66
3	23	1	51	4	28	4	23	2	28	2	22	5	15	3	16	4	16	4	17	3	14	4	15	77	20	64
4	20	6	20	5	17	7	18	6	18	4	19	3	21	3	22	3	20	3	14	3	19	5	16	108	17	32
0	—	0	—	0	—	0	—	0	—	1	—	2	—	4	—	6	—	4	—	4	—	3	—	55	—	—
—	22	—	23	—	22	—	22	—	20	—	18	—	17	—	16	—	15	—	15	—	15	—	16	—	18	—

APRIL.

1	20	1	17	3	20	2	17	4	15	4	18	5	16	6	15	6	13	7	12	5	10	9	10	129	12	26
5	15	3	13	2	16	4	17	2	14	3	11	3	13	3	12	3	14	4	14	3	13	3	13	106	14	22
4	12	3	14	3	15	1	17	2	13	3	13	3	11	1	6	4	10	1	12	4	14	1	11	52	12	18
4	11	6	10	6	10	5	9	2	10	1	11	1	6	2	7	1	9	2	13	1	8	1	13	36	9	15
2	22	3	25	2	29	3	21	3	22	3	27	2	35	2	35	3	28	2	29	3	27	2	25	47	26	40
5	27	4	27	4	28	4	26	3	24	4	23	4	20	4	19	3	18	5	18	3	20	4	17	102	22	33
3	28	3	29	5	25	1	31	4	26	1	20	4	21	2	14	3	16	2	14	4	17	5	17	92	22	36
6	22	7	23	4	26	9	26	7	24	9	24	6	21	8	20	7	18	6	23	5	21	5	17	125	21	36
0	—	0	—	1	—	1	—	3	—	2	—	2	—	2	—	0	—	1	—	2	—	0	—	31	—	—
—	19	—	20	—	20	—	20	—	18	—	19	—	17	—	16	—	16	—	16	—	15	—	15	—	17	—

KEW.

TABLE XL.—NUMBER of OBSERVATIONS of WIND and the

MAY 1888.

Points.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.		
N	0	—	0	0	1	7	0	—	1	9	1	6	4	12	4	14	4	11	6	13	4	10	6	12		
NE	5	12	5	10	6	9	4	11	5	10	6	10	3	11	5	12	6	14	4	17	6	16	5	14		
E	1	6	1	7	1	6	1	7	—	—	—	—	1	9	1	12	1	11	2	11	2	11	0	—		
SE	1	8	0	—	0	—	0	—	0	—	1	6	1	11	0	—	0	—	1	11	2	12	4	12		
S	3	15	4	11	1	13	2	13	0	—	3	14	3	12	5	12	4	11	4	17	4	14	4	13		
SW	6	13	5	12	6	14	7	13	7	14	8	13	9	15	7	16	6	22	5	22	4	23	6	23		
W	3	12	5	10	5	10	4	9	6	11	2	10	3	11	6	13	8	14	8	15	7	17	6	18		
NW	0	—	0	—	0	—	1	6	1	7	1	8	1	12	0	—	0	—	0	—	1	12	0	—		
Calms	12	—	11	—	11	—	12	—	11	—	9	—	6	—	3	—	2	—	1	—	1	—	0	—		
Mean Velocity irrespective of Direction	—	7	—	7	—	7	—	7	—	7	—	8	—	10	—	12	—	14	—	15	—	15	—	16		

JUNE.

N	9	9	7	9	7	9	6	10	8	10	7	10	7	11	7	12	8	11	6	13	7	13	8	12
NE	1	16	3	15	3	14	3	17	3	15	2	13	2	12	3	13	2	9	3	16	4	15	2	15
E	1	19	1	8	1	11	1	6	1	7	3	13	2	12	2	11	3	15	2	10	0	—	2	19
SE	1	6	0	—	0	—	0	—	0	—	1	7	1	8	1	10	1	11	1	9	1	6	0	—
S	3	8	2	9	2	9	2	7	4	8	2	11	3	11	4	13	5	11	4	15	5	15	6	15
SW	3	11	5	8	4	9	3	11	3	10	6	10	5	9	7	9	4	11	4	12	7	13	6	11
W	3	8	3	8	1	10	3	7	3	8	1	10	6	9	6	9	6	10	4	9	2	9	2	9
NW	0	—	0	—	0	—	0	—	0	—	1	6	0	—	0	—	1	9	2	11	1	14	2	12
Calms	9	—	9	—	12	—	12	—	8	—	7	—	4	—	0	—	0	—	4	—	3	—	2	—
Mean Velocity irrespective of Direction	—	7	—	7	—	6	—	6	—	7	—	8	—	9	—	11	—	11	—	11	—	12	—	12

JULY.

N	3	8	3	8	2	9	2	9	3	8	2	8	3	8	2	9	2	10	2	9	2	11	3	9
NE	1	7	1	8	1	7	1	6	1	6	1	7	1	8	2	12	1	9	1	9	2	10	2	8
E	3	8	1	11	1	12	1	12	1	12	1	17	2	12	0	—	1	14	1	12	1	11	1	12
SE	2	7	2	8	2	8	1	10	0	—	2	8	2	8	3	7	1	6	1	9	1	7	3	13
S	1	6	1	16	1	8	0	—	0	—	1	9	1	15	3	12	6	13	6	13	5	14	2	16
SW	11	11	6	12	8	11	9	10	8	11	9	12	12	12	9	15	8	14	9	16	10	16	11	16
W	4	8	6	8	4	8	6	8	6	9	4	9	2	7	4	10	5	13	1	13	3	13	2	14
NW	1	8	1	11	1	8	0	—	0	—	1	13	2	15	3	12	5	12	7	10	3	14	4	14
Calms	5	—	10	—	11	—	11	—	12	—	10	—	6	—	5	—	2	—	3	—	4	—	3	—
Mean Velocity irrespective of Direction	—	7	—	7	—	6	—	6	—	6	—	7	—	9	—	10	—	12	—	11	—	12	—	12

AUGUST.

N	3	11	3	11	3	10	3	9	3	8	3	9	3	11	6	13	5	13	5	11	3	13	5	13
NE	1	9	1	9	0	—	1	9	1	11	1	11	1	12	1	14	1	11	2	13	3	12	0	—
E	1	9	1	8	1	8	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	15
SE	1	9	0	—	0	—	0	—	1	7	1	8	1	9	1	11	0	—	0	—	0	—	1	9
S	1	11	2	9	1	7	1	7	0	—	0	—	3	9	4	10	7	12	7	12	7	14	5	14
SW	10	10	8	11	11	10	12	10	11	10	10	11	10	11	5	12	8	11	9	13	9	14	11	13
W	1	14	1	14	0	—	0	—	3	6	3	7	2	11	6	13	6	12	6	13	6	14	5	14
NW	1	6	0	—	2	9	1	11	1	12	1	12	3	14	1	10	3	14	2	17	3	14	3	14
Calms	12	—	15	—	13	—	13	—	11	—	12	—	8	—	7	—	1	—	0	—	0	—	0	—
Mean Velocity irrespective of Direction	—	6	—	5	—	6	—	6	—	6	—	6	—	8	—	9	—	12	—	13	—	14	—	14

KEW.

MEAN VELOCITY, &c. for each CALENDAR MONTH—*continued.*

MAY 1888.

P.M.																				Midt.		Monthly Totals and Means.		Maximum Velocity.		
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.					24.	
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.		No.	V.
6	13	5	13	5	13	5	12	4	14	2	9	1	14	0	—	1	10	3	11	1	11	1	6	65	12	17
5	15	6	18	4	15	4	16	5	13	7	17	5	16	6	13	6	12	5	13	6	11	5	11	124	13	33
2	11	1	18	2	24	2	23	3	18	3	12	6	12	5	12	6	11	2	10	3	6	2	6	49	12	31
2	15	2	15	2	17	2	16	2	15	2	12	2	10	3	7	1	6	4	9	3	8	1	6	30	11	18
4	13	3	14	3	16	2	18	1	15	1	12	1	15	1	12	1	12	1	19	1	23	2	19	53	14	27
5	26	6	21	4	19	6	18	4	21	5	18	6	16	8	14	5	14	4	15	5	14	4	14	138	17	39
5	18	6	17	7	13	7	17	5	19	6	16	7	12	5	14	6	13	6	11	7	10	8	10	138	13	30
2	14	1	10	2	11	2	9	5	11	4	10	2	9	2	6	1	11	0	—	0	—	0	—	25	10	18
0	—	1	—	2	—	1	—	2	—	1	—	1	—	1	—	4	—	6	—	5	—	8	—	111	—	—
—	16	—	16	—	15	—	15	—	15	—	14	—	13	—	12	—	10	—	9	—	9	—	8	—	12	—

JUNE.

8	13	8	14	8	13	10	13	8	13	6	12	9	12	5	11	7	10	6	9	9	9	10	9	151	11	21
1	10	0	—	3	10	0	—	4	14	3	13	1	22	4	15	2	14	4	15	3	14	2	13	58	14	25
4	11	3	16	3	19	3	20	1	16	2	18	3	10	3	9	2	18	1	11	1	13	2	17	47	14	29
1	13	0	—	1	11	2	9	2	10	1	11	2	9	1	11	1	10	0	—	0	—	0	—	13	9	13
4	17	6	15	4	16	3	14	2	10	3	9	3	8	2	6	1	6	2	10	2	8	2	9	76	12	30
5	12	3	14	5	17	5	14	4	15	7	11	4	10	5	10	5	9	4	9	6	8	6	8	116	11	20
3	12	4	11	3	11	4	12	5	12	3	14	6	12	3	11	3	10	4	9	3	9	3	8	84	10	13
0	—	3	10	2	8	1	7	2	8	1	8	0	—	1	8	1	7	1	7	1	7	0	—	20	9	14
4	—	3	—	1	—	2	—	2	—	4	—	2	—	6	—	8	—	8	—	5	—	5	—	120	—	—
—	11	—	12	—	13	—	12	—	12	—	10	—	10	—	8	—	8	—	7	—	8	—	8	—	9	—

JULY.

0	—	1	8	2	8	2	8	3	8	3	10	2	11	1	11	3	9	3	8	2	10	1	10	52	9	12
2	8	2	6	2	7	2	8	2	10	3	12	3	13	4	14	2	10	2	10	3	9	2	9	44	9	23
1	13	1	15	1	18	1	20	1	21	0	—	1	11	1	11	3	13	3	10	3	10	3	9	33	12	21
0	—	0	—	1	14	1	12	1	13	1	12	1	14	2	13	2	14	2	13	2	9	2	8	35	10	16
8	15	8	17	6	14	7	15	7	12	4	14	3	14	2	15	1	11	0	—	0	—	0	—	73	14	23
7	18	7	20	7	18	6	18	6	16	8	16	8	14	7	12	10	11	9	11	11	11	13	11	209	14	32
3	15	4	13	3	14	4	12	3	14	3	11	3	8	2	8	3	8	3	8	2	7	3	7	83	10	21
6	10	6	12	5	11	3	13	4	11	3	10	1	8	2	10	1	7	1	7	2	8	1	9	63	11	23
4	—	2	—	4	—	5	—	4	—	6	—	9	—	10	—	6	—	8	—	6	—	6	—	152	—	—
—	12	—	14	—	12	—	12	—	11	—	10	—	9	—	8	—	8	—	7	—	8	—	8	—	9	—

AUGUST.

4	13	5	13	5	13	4	13	4	13	4	12	2	14	2	14	2	10	2	10	3	11	3	10	85	12	22
1	15	0	—	0	—	1	15	1	17	1	7	2	13	2	13	2	13	2	12	1	9	1	8	27	12	17
1	13	1	18	1	18	1	7	0	—	1	18	0	—	0	—	0	—	0	—	0	—	0	—	9	13	18
1	10	1	10	1	11	1	14	1	10	1	10	2	9	2	8	1	10	1	8	2	8	0	—	25	9	14
7	14	6	16	4	14	6	16	5	15	5	14	5	13	5	11	5	9	2	8	0	—	3	12	91	13	23
9	15	11	14	13	14	10	15	11	13	11	12	8	12	9	12	10	12	11	13	10	10	7	10	234	12	26
5	14	5	14	4	16	5	14	4	14	4	12	5	9	3	9	2	7	1	8	2	17	2	15	81	12	27
3	12	2	15	3	11	3	10	2	11	2	10	1	10	2	7	1	8	1	9	1	6	0	—	42	12	24
0	—	0	—	0	—	0	—	3	—	2	—	6	—	6	—	8	—	11	—	12	—	15	—	155	—	—
—	14	—	14	—	14	—	14	—	12	—	11	—	9	—	9	—	8	—	7	—	6	—	6	—	9	—

KEW.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and the
SEPTEMBER 1888.

Points.	A.M.																						No. n.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	3	8	3	8	5	8	6	11	4	10	6	9	5	11	6	13	5	15	7	12	6	14	4	12
NE	4	8	6	9	5	8	4	9	4	8	5	9	6	9	5	9	5	12	6	13	7	13	6	14
E	2	6	2	7	1	9	1	9	1	9	1	6	2	9	2	8	2	10	4	13	5	16	5	18
SE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
S	1	6	2	6	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	10	1	10	1	9
SW	6	9	6	10	6	9	5	11	5	10	5	11	5	11	4	11	4	12	4	13	5	13	5	12
W	1	6	0	—	1	7	0	—	2	7	3	7	2	8	3	8	3	8	2	11	2	10	2	11
NW	2	9	2	10	1	14	1	6	1	6	0	—	1	10	2	9	3	8	3	9	1	10	4	12
Calms	11	—	9	—	11	—	13	—	13	—	10	—	9	—	8	—	8	—	3	—	3	—	3	—
Mean Velocity irrespective of Direction	—	5	—	6	—	6	—	6	—	5	—	6	—	7	—	8	—	8	—	11	—	12	—	12

OCTOBER.

N	0	—	1	7	0	—	0	—	1	7	0	—	1	8	0	—	2	11	3	13	4	12	6	12
NE	1	10	0	—	0	—	0	—	1	8	0	—	0	—	3	7	1	7	2	10	2	12	1	11
E	3	8	3	8	2	7	1	9	1	6	0	—	1	11	1	9	3	9	2	12	3	14	5	11
SE	0	—	0	—	0	—	0	—	1	7	1	9	0	—	0	—	0	—	0	—	0	—	0	—
S	1	11	1	13	1	11	1	14	1	13	2	12	2	12	2	13	1	16	0	—	0	—	1	13
SW	4	13	4	13	5	12	5	11	5	13	6	12	7	12	6	13	5	13	6	14	8	14	7	16
W	2	9	4	8	3	8	3	7	3	9	1	8	1	7	3	9	5	10	5	11	4	15	4	9
NW	0	—	2	6	1	7	1	6	1	6	1	12	1	11	2	9	2	10	4	9	3	11	4	12
Calms	20	—	16	—	19	—	20	—	17	—	20	—	18	—	14	—	12	—	9	—	7	—	3	—
Mean Velocity irrespective of Direction	—	4	—	4	—	4	—	3	—	4	—	4	—	5	—	6	—	7	—	8	—	10	—	11

NOVEMBER.

N	1	15	1	13	1	14	1	14	1	15	1	11	0	—	0	—	1	6	0	—	0	—	0	—
NE	1	31	3	21	3	18	2	19	3	17	2	22	3	17	2	21	2	20	1	26	1	32	2	18
E	8	14	6	17	7	17	8	17	5	17	7	14	6	16	6	15	8	17	8	16	6	21	7	19
SE	2	13	2	12	1	6	1	6	3	16	2	18	2	19	2	17	0	—	2	17	3	14	2	12
S	4	8	4	8	4	9	3	9	3	10	2	12	1	16	3	13	2	20	2	21	2	16	0	—
SW	7	16	6	19	9	17	8	19	6	20	5	20	7	21	6	22	9	18	8	18	9	26	9	21
W	5	18	5	16	2	12	3	13	3	13	6	14	3	14	4	15	3	14	4	20	4	21	6	24
NW	0	—	0	—	0	—	0	—	1	16	0	—	1	17	1	11	0	—	0	—	0	—	0	—
Calms	2	—	3	—	3	—	4	—	5	—	5	—	7	—	6	—	5	—	5	—	5	—	4	—
Mean Velocity irrespective of Direction	—	14	—	14	—	14	—	14	—	14	—	13	—	13	—	14	—	14	—	15	—	18	—	17

DECEMBER.

N	2	12	1	15	2	9	3	9	3	11	3	12	3	13	3	11	3	11	2	14	2	13	2	14
NE	1	6	1	6	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
E	2	11	1	11	1	9	1	9	1	8	1	9	4	10	4	9	3	9	2	8	2	10	0	—
SE	1	7	3	10	4	12	4	8	1	8	4	10	0	—	1	7	2	11	2	17	2	13	4	15
S	8	15	5	16	4	18	6	16	9	15	6	18	11	15	9	16	10	17	11	14	10	17	10	16
SW	4	14	5	14	5	11	4	13	2	12	3	12	3	10	4	15	4	11	4	11	3	16	4	12
W	2	8	3	7	2	7	3	7	3	7	3	6	2	7	2	6	0	—	2	7	4	9	1	11
NW	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	7	2	6	1	6	2	8
Calms	11	—	12	—	13	—	10	—	12	—	11	—	8	—	8	—	8	—	6	—	7	—	8	—
Mean Velocity irrespective of Direction	—	8	—	8	—	7	—	8	—	8	—	8	—	8	—	8	—	10	—	10	—	11	—	10

KEW.

MEAN VELOCITY, &c. for each CALENDAR MONTH—*continued*.

SEPTEMBER 1888.

P.M.																							Midt.		Monthly Totals and Means.		Maximum Velocity.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.		
4	11	5	11	5	14	4	11	2	12	3	9	4	8	5	7	4	9	4	9	4	8	5	8	109	11	24	
6	14	8	13	4	14	6	13	7	11	7	12	6	11	7	11	6	11	7	11	7	10	6	8	140	11	21	
5	18	4	16	6	15	5	16	5	13	5	11	5	11	3	10	1	11	1	8	1	8	1	9	70	13	25	
0	—	1	11	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	11	11	
1	13	2	13	1	13	2	10	2	8	1	7	1	9	0	—	1	6	0	—	1	6	1	6	19	9	14	
5	12	3	13	5	11	7	11	6	11	6	11	6	10	6	10	7	10	6	10	6	10	5	10	128	11	18	
3	10	3	10	2	12	1	12	2	11	1	10	1	7	1	8	0	—	1	9	1	7	0	—	37	9	13	
1	17	2	14	4	11	3	8	3	8	3	6	1	6	0	—	1	6	1	7	1	8	1	10	42	9	19	
5	—	2	—	3	—	2	—	3	—	4	—	6	—	8	—	10	—	10	—	9	—	11	—	174	—	—	
—	11	—	12	—	12	—	11	—	10	—	9	—	8	—	7	—	7	—	7	—	6	—	5	—	—	—	

OCTOBER.

6	12	4	12	5	10	4	8	3	7	2	7	3	7	3	6	3	6	1	7	0	—	1	6	53	10	19
2	11	4	12	2	12	3	9	1	9	1	11	1	12	2	9	2	7	0	—	0	—	0	—	29	10	15
4	13	3	9	4	9	3	10	3	8	2	12	2	15	2	14	2	12	2	12	3	11	3	9	58	10	16
0	—	1	8	1	8	2	6	0	—	0	—	0	—	1	6	0	—	1	7	1	6	0	—	9	7	9
2	11	0	—	0	—	2	15	2	13	1	16	2	16	2	14	1	14	1	11	1	12	2	12	29	13	22
6	18	6	19	8	15	5	12	5	13	5	13	5	11	4	9	7	11	5	13	5	11	4	12	133	13	27
4	13	5	13	4	9	4	10	3	9	3	9	2	9	3	9	2	6	3	8	4	8	3	8	78	10	21
4	9	3	9	2	9	1	6	1	7	0	—	0	—	1	19	1	11	2	10	3	9	1	8	41	9	20
3	—	5	—	5	—	7	—	13	—	17	—	16	—	13	—	13	—	16	—	14	—	17	—	314	—	—
—	12	—	11	—	10	—	8	—	6	—	5	—	5	—	6	—	6	—	5	—	5	—	4	—	6	—

NOVEMBER.

0	—	0	—	0	—	1	6	1	10	0	—	0	—	0	—	0	—	1	11	1	12	1	14	12	12	15
2	30	1	28	2	29	1	29	1	33	4	15	3	14	2	1	2	19	1	28	1	26	2	21	47	21	34
5	20	7	17	7	19	8	18	9	18	9	17	8	17	7	18	8	15	7	15	6	16	6	16	169	17	35
3	12	3	16	2	14	2	14	2	11	1	16	2	19	2	21	3	15	4	15	4	15	4	11	54	14	24
1	7	1	8	2	12	2	10	2	8	2	11	4	17	3	16	3	16	3	17	3	16	3	16	59	13	34
9	20	7	23	6	21	7	19	8	17	8	17	6	16	8	15	8	14	9	14	11	13	8	14	184	18	34
8	21	9	18	9	18	7	18	6	20	6	17	6	15	5	14	5	17	4	17	2	20	5	16	120	17	32
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	15	17
2	—	2	—	2	—	2	—	1	—	0	—	1	—	3	—	1	—	1	—	2	—	1	—	72	—	—
—	18	—	18	—	18	—	16	—	16	—	16	—	16	—	15	—	15	—	15	—	14	—	14	—	15	—

DECEMBER.

2	17	2	16	3	12	1	15	2	13	2	13	2	11	2	11	2	12	1	16	2	13	2	11	52	12	18
0	—	0	—	0	—	1	12	0	—	0	—	0	—	0	—	2	7	0	—	0	—	0	—	5	7	12
0	—	0	—	0	—	1	8	2	8	0	—	1	8	3	9	3	9	3	8	1	9	2	9	38	9	11
3	15	3	12	5	12	3	14	3	13	4	13	5	12	4	13	3	14	5	12	4	11	2	13	72	12	27
11	16	10	17	9	17	10	16	11	15	6	13	8	15	7	13	8	15	5	18	8	16	8	14	200	16	34
2	19	4	15	3	11	3	9	1	9	6	14	1	11	4	15	4	12	4	11	3	11	4	15	84	13	31
5	8	3	8	3	8	1	8	3	7	2	10	4	11	1	7	0	—	1	6	1	10	2	10	53	8	18
0	—	2	9	0	—	0	—	1	7	0	—	0	—	1	12	1	9	2	7	0	—	0	—	13	7	12
8	—	7	—	8	—	11	—	8	—	11	—	10	—	9	—	8	—	10	—	12	—	11	—	227	—	—
—	11	—	11	—	10	—	0	—	0	—	8	—	0	—	0	—	0	—	8	—	8	—	8	—	0	—

KEW.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and the
SEPTEMBER 1888.

Points.	A.M.																						No n.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	3	8	3	8	5	8	6	11	4	10	6	9	5	11	6	13	5	15	7	12	6	14	4	12
NE	4	8	6	9	5	8	4	9	4	8	5	9	6	9	5	9	5	12	6	13	7	13	6	14
E	2	6	2	7	1	9	1	9	1	9	1	6	2	9	2	8	2	10	4	13	5	16	5	18
SE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
S	1	6	2	6	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	10	1	10	1	9
SW	6	9	6	10	6	9	5	11	5	10	5	11	5	11	4	11	4	12	4	13	5	13	5	12
W	1	6	0	—	1	7	0	—	2	7	3	7	2	8	3	8	3	8	2	11	2	10	2	11
NW	2	9	2	10	1	14	1	6	1	6	0	—	1	10	2	9	3	8	3	9	1	10	4	12
Calms	11	—	9	—	11	—	13	—	13	—	10	—	9	—	8	—	8	—	3	—	3	—	3	—
Mean Velocity irrespective of Direction	—	5	—	6	—	6	—	6	—	5	—	6	—	7	—	8	—	8	—	11	—	12	—	12

OCTOBER.

N	0	—	1	7	0	—	0	—	1	7	0	—	1	8	0	—	2	11	3	13	4	12	6	12
NE	1	10	0	—	0	—	0	—	1	8	0	—	0	—	3	7	1	7	2	10	2	12	1	11
E	3	8	3	8	2	7	1	9	1	6	0	—	1	11	1	9	3	9	2	12	3	14	5	11
SE	0	—	0	—	0	—	0	—	1	7	1	9	0	—	0	—	0	—	0	—	0	—	0	—
S	1	11	1	13	1	11	1	14	1	13	2	12	2	12	2	13	1	16	0	—	0	—	1	13
SW	4	13	4	13	5	12	5	11	5	13	6	12	7	12	6	13	5	13	6	14	8	14	7	16
W	2	9	4	8	3	8	3	7	3	9	1	8	1	7	3	9	5	10	5	11	4	15	4	9
NW	0	—	2	6	1	7	1	6	1	6	1	12	1	11	2	9	2	10	4	9	3	11	4	12
Calms	20	—	16	—	19	—	20	—	17	—	20	—	18	—	14	—	12	—	9	—	7	—	3	—
Mean Velocity irrespective of Direction	—	4	—	4	—	4	—	3	—	4	—	4	—	5	—	6	—	7	—	8	—	10	—	11

NOVEMBER.

N	1	15	1	13	1	14	1	14	1	15	1	11	0	—	0	—	1	6	0	—	0	—	0	—
NE	1	31	3	21	3	18	2	19	3	17	2	22	3	17	2	21	2	20	1	26	1	32	2	18
E	8	14	6	17	7	17	8	17	5	17	7	14	6	16	6	15	8	17	8	16	6	21	7	19
SE	2	13	2	12	1	6	1	6	3	16	2	18	2	19	2	17	0	—	2	17	3	14	2	12
S	4	8	4	8	4	9	3	9	3	10	2	12	1	16	3	13	2	20	2	21	2	16	0	—
SW	7	16	6	19	9	17	8	19	6	20	5	20	7	21	6	22	9	18	8	18	9	26	9	20
W	5	18	5	16	2	12	3	13	3	13	6	14	3	14	4	15	3	14	4	20	4	21	6	8
NW	0	—	0	—	0	—	0	—	1	16	0	—	1	17	1	11	0	—	0	—	0	—	0	—
Calms	2	—	3	—	3	—	4	—	5	—	5	—	7	—	6	—	5	—	5	—	5	—	4	—
Mean Velocity irrespective of Direction	—	14	—	14	—	14	—	14	—	14	—	13	—	13	—	14	—	14	—	15	—	18	—	—

DECEMBER.

N	2	12	1	15	2	9	3	9	3	11	3	12	3	13	3	11	3	11	2	14	2	13	2	—
NE	1	6	1	6	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
E	2	11	1	11	1	9	1	9	1	8	1	9	4	10	4	9	3	9	2	8	2	10	0	—
SE	1	7	3	10	4	12	4	8	1	8	4	10	0	—	1	7	2	11	2	17	2	13	4	—
S	8	15	5	16	4	18	6	16	9	15	6	18	11	15	9	16	10	17	11	14	10	17	10	—
SW	4	14	5	14	5	11	4	13	2	12	3	12	3	10	4	15	4	11	4	11	3	16	—	—
W	2	8	3	7	2	7	3	7	3	7	3	6	2	7	2	6	0	—	2	7	4	9	—	—
NW	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	7	2	6	1	6	—	—
Calms	11	—	12	—	13	—	10	—	12	—	11	—	8	—	8	—	8	—	6	—	7	—	—	—
Mean Velocity irrespective of Direction	—	8	—	8	—	7	—	8	—	7	—	8	—	9	—	9	—	10	—	10	—	11	—	—

MEAN VELOCITY, &c. for each CALENDAR MONTH

Kew.

SEPTEMBER 1888.

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12.		14.		13.		16.		17.		18.		19.		20.		21.		22.		23.		24.		25.		26.		27.		28.		29.		30.		31.		32.		33.		34.		35.		36.		37.		38.		39.		40.		41.		42.		43.		44.		45.		46.		47.		48.		49.		50.		51.		52.		53.		54.		55.		56.		57.		58.		59.		60.		61.		62.		63.		64.		65.		66.		67.		68.		69.		70.		71.		72.		73.		74.		75.		76.		77.		78.		79.		80.		81.		82.		83.		84.		85.		86.		87.		88.		89.		90.		91.		92.		93.		94.		95.		96.		97.		98.		99.		100.		101.		102.		103.		104.		105.		106.		107.		108.		109.		110.		111.		112.		113.		114.		115.		116.		117.		118.		119.		120.		121.		122.		123.		124.		125.		126.		127.		128.		129.		130.		131.		132.		133.		134.		135.		136.		137.		138.		139.		140.		141.		142.		143.		144.		145.		146.		147.		148.		149.		150.		151.		152.		153.		154.		155.		156.		157.		158.		159.		160.		161.		162.		163.		164.		165.		166.		167.		168.		169.		170.		171.		172.		173.		174.		175.		176.		177.		178.		179.		180.		181.		182.		183.		184.		185.		186.		187.		188.		189.		190.		191.		192.		193.		194.		195.		196.		197.		198.		199.		200.		201.		202.		203.		204.		205.		206.		207.		208.		209.		210.		211.		212.		213.		214.		215.		216.		217.		218.		219.		220.		221.		222.		223.		224.		225.		226.		227.		228.		229.		230.		231.		232.		233.		234.		235.		236.		237.		238.		239.		240.		241.		242.		243.		244.		245.		246.		247.		248.		249.		250.		251.		252.		253.		254.		255.		256.		257.		258.		259.		260.		261.		262.		263.		264.		265.		266.		267.		268.		269.		270.		271.		272.		273.		274.		275.		276.		277.		278.		279.		280.		281.		282.		283.		284.		285.		286.		287.		288.		289.		290.		291.		292.		293.		294.		295.		296.		297.		298.		299.		300.		301.		302.		303.		304.		305.		306.		307.		308.		309.		310.		311.		312.		313.		314.		315.		316.		317.		318.		319.		320.		321.		322.		323.		324.		325.		326.		327.		328.		329.		330.		331.		332.		333.		334.		335.		336.		337.		338.		339.		340.		341.		342.		343.		344.		345.		346.		347.		348.		349.		350.		351.		352.		353.		354.		355.		356.		357.		358.		359.		360.		361.		362.		363.		364.		365.		366.		367.		368.		369.		370.		371.		372.		373.		374.		375.		376.		377.		378.		379.		380.		381.		382.		383.		384.		385.		386.		387.		388.		389.		390.		391.		392.		393.		394.		395.		396.		397.		398.		399.		400.		401.		402.		403.		404.		405.		406.		407.		408.		409.		410.		411.		412.		413.		414.		415.		416.		417.		418.		419.		420.		421.		422.		423.		424.		425.		426.		427.		428.		429.		430.		431.		432.		433.		434.		435.		436.		437.		438.		439.		440.		441.		442.		443.		444.		445.		446.		447.		448.		449.		450.		451.		452.		453.		454.		455.		456.		457.		458.		459.		460.		461.		462.		463.		464.		465.		466.		467.		468.		469.		470.		471.		472.		473.		474.		475.		476.		477.		478.		479.		480.		481.		482.		483.		484.		485.		486.		487.		488.		489.		490.		491.		492.		493.		494.		495.		496.		497.		498.		499.		500.		501.		502.		503.		504.		505.		506.		507.		508.		509.		510.		511.		512.		513.		514.		515.		516.		517.		518.		519.		520.		521.		522.		523.		524.		525.		526.		527.		528.		529.		530.		531.		532.		533.		534.		535.		536.		537.		538.		539.		540.		541.		542.		543.		544.		545.		546.		547.		548.		549.		550.		551.		552.		553.		554.		555.		556.		557.		558.		559.		560.		561.		562.		563.		564.		565.		566.		567.		568.		569.		570.		571.		572.		573.		574.		575.		576.		577.		578.		579.		580.		581.		582.		583.		584.		585.		586.		587.		588.		589.		590.		591.		592.		593.		594.		595.		596.		597.		598.		599.		600.		601.		602.		603.		604.		605.		606.		607.		608.		609.		610.		611.		612.		613.		614.		615.		616.		617.		618.		619.		620.		621.		622.		623.		624.		625.		626.		627.		628.		629.		630.		631.		632.		633.		634.		635.		636.		637.		638.		639.		640.		641.		642.		643.		644.		645.		646.		647.		648.		649.		650.		651.		652.		653.		654.		655.		656.		657.		658.		659.		660.		661.		662.		663.		664.		665.		666.		667.		668.		669.		670.		671.		672.		673.		674.		675.		676.		677.		678.		679.		680.		681.		682.		683.		684.		685.		686.		687.		688.		689.		690.		691.		692.		693.		694.		695.		696.		697.		698.		699.		700.		701.		702.		703.		704.		705.		706.		707.		708.		709.		710.		711.		712.		713.		714.		715.		716.		717.		718.		719.		720.		721.		722.		723.		724.		725.		726.		727.		728.		729.		730.		731.		732.		733.		734.		735.		736.		737.		738.		739.		740.		741.		742.		743.		744.		745.		746.		747.		748.		749.		750.		751.		752.		753.		754.		755.		756.		757.		758.		759.		760.		761.		762.		763.		764.		765.		766.		767.		768.		769.		770.		771.		772.		773.		774.		775.		776.		777.		778.		779.		780.		781.		782.		783.		784.		785.		786.		787.		788.		789.		790.		791.		792.		793.		794.		795.		796.		797.		798.		799.		800.		801.		802.		803.		804.		805.		806.		807.		808.		809.		810.		811.		812.		813.		814.		815.		816.		817.		818.		819.		820.		821.		822.		823.		824.		825.		826.		827.		828.		829.		830.		831.		832.		833.		834.		835.		836.		837.		838.		839.		840.		841.		842.		843.		844.		845.		846.		847.		848.		849.		850.		851.		852.		853.		854.		855.		856.		857.		858.		859.		860.	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KEW OBSERVATORY.

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, and DAILY AMOUNTS of RAINFALL, for each MONTH of the YEAR.

JANUARY 1888.										FEBRUARY 1888.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.		
				Dry.	Difference. (Dry—Wet.)									Dry.	Difference. (Dry—Wet.)				
1	ins. 29°595	ins. 29°573	ins. 29°359	30°0	1°6	37°9	24°9	in. —		1	ins. 29°828	ins. 30°091	ins. 29°399	29°9	2°0	34°0	25°0	in. 0°05	1
2	29°342	29°517	29°297	41°7	1°1	45°0	37°2	°195		2	30°110	30°154	30°049	28°7	2°2	34°6	21°8	°030	2
3	29°009	30°043	29°569	37°5	0°8	43°2	32°2	°030		3	30°035	30°101	29°992	39°1	0°9	44°3	31°9	—	3
4	29°859	29°991	29°677	41°2	2°4	42°9	39°6	°010		4	30°211	30°323	30°100	45°0	1°7	50°9	40°8	—	4
5	29°764	29°996	29°627	43°2	1°8	48°4	38°9	°010		5	30°243	30°313	30°186	45°0	1°9	49°9	40°9	—	5
6	30°108	30°163	30°013	40°7	0°7	45°6	31°5	°060		6	30°242	30°297	30°182	46°3	2°6	51°3	40°0	—	6
7	30°293	30°434	30°111	44°9	0°7	48°3	42°3	°015		7	30°186	30°284	30°106	44°8	3°7	49°0	40°9	—	7
8	30°506	30°592	30°424	48°2	0°6	51°1	43°0	—		8	29°991	30°086	29°930	45°0	2°4	49°2	41°2	°070	8
9	30°657	30°692	30°591	43°6	0°4	48°3	37°4	—		9	29°979	30°018	29°928	45°8	3°4	48°8	42°2	°035	9
10	30°682	30°706	30°665	36°1	0°4	43°4	32°7	°010		10	29°798	29°978	29°685	42°2	1°9	47°7	36°2	°060	10
11	30°633	30°659	30°600	34°2	0°2	36°5	31°4	°010		11	29°552	29°675	29°412	37°5	1°3	43°1	34°6	°085	11
12	30°615	30°634	30°598	36°0	0°2	37°9	34°4	°020		12	29°491	29°591	29°415	34°8	2°0	38°8	31°0	°005	12
13	30°633	30°649	30°612	36°4	0°7	37°5	35°4	°005		13	29°679	29°758	29°586	34°8	2°4	39°8	30°9	°500	13
14	30°534	30°597	30°498	32°9	1°2*	35°3	29°8	—		14	29°580	29°712	29°537	34°2	0°9	37°1	32°9	°025	14
15	30°456	30°496	30°424	34°1	2°2*	36°1	32°3	—		15	29°913	30°030	29°728	34°2	1°6	36°3	32°8	°070	15
16	30°427	30°465	30°402	33°3	2°4*	34°2	32°3	—		16	30°081	30°117	30°020	34°0	2°7*	35°8	32°4	—	16
17	30°504	30°523	30°467	32°9	1°8*	34°9	29°3	—		17	29°979	30°079	29°934	33°3	2°7	35°1	30°4	—	17
18	30°576	30°647	30°518	32°7	1°7	34°4	27°9	—		18	29°784	29°967	29°519	34°7	2°6	39°9	32°1	—	18
19	30°595	30°649	30°517	33°9	2°0*	35°3	32°1	—		19	29°451	29°500	29°431	32°5	1°7	35°7	29°8	°025	19
20	30°460	30°521	30°376	35°1	1°2	39°1	30°0	—		20	29°615	29°718	29°457	34°0	2°5	37°9	30°2	—	20
21	30°038	30°351	29°837	46°0	0°8	49°8	39°1	°315		21	29°751	29°768	29°720	34°3	2°8*	36°1	32°5	—	21
22	29°916	30°096	29°821	46°0	1°7	48°0	43°9	—		22	29°820	29°888	29°764	30°6	2°0	32°5	29°2	—	22
23	30°331	30°439	30°103	44°5	2°1	50°4	38°7	—		23	29°958	30°017	29°896	29°0	1°7	30°9	27°3	—	23
24	30°429	30°445	30°411	40°6	1°8	45°0	36°9	°005		24	29°960	30°001	29°910	27°7	2°7	30°0	22°8	°005	24
25	30°245	30°401	29°987	42°4	1°4	45°2	39°9	—		25	29°959	30°060	29°907	29°6	1°9	33°8	22°1	°010	25
26	30°009	30°249	29°797	43°1	4°3	46°8	38°0	—		26	30°066	30°095	30°046	30°7	1°8	34°4	26°4	—	26
27	30°103	30°256	29°896	37°5	3°0	43°2	31°3	°050		27	30°179	30°290	30°097	33°1	1°7	35°0	31°8	—	27
28	29°947	29°978	29°891	32°9	2°7*	38°1	29°4	—		28	30°361	30°392	30°299	31°7	2°4	33°6	29°7	—	28
29	29°991	30°088	29°909	31°9	2°5	36°8	26°1	—		29	30°307	30°383	30°236	30°6	2°6	33°9	27°8	—	29
30	30°010	30°093	29°827	30°3	2°3	35°8	24°2	°010											
31	29°398	29°796	29°207	35°8	1°6	40°0	32°1	°115											
Maximum fall in one hour } 10 a.m. 21st									0°135	Maximum fall in one hour } 3 p.m. 11th									0°055
MARCH.										APRIL.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.		
				Dry.	Difference. (Dry—Wet.)									Dry.	Difference. (Dry—Wet.)				
1	ins. 30°207	ins. 30°298	ins. 30°216	29°7	2°0	34°0	27°1	in. °010		1	ins. 30°005	ins. 30°031	ins. 29°952	39°7	3°3	47°1	33°6	in. —	1
2	30°089	30°262	29°901	33°3	2°2	40°3	25°3	—		2	29°824	29°983	29°730	39°5	2°6	47°7	31°8	°040	2
3	29°980	30°066	29°885	35°6	3°5	38°9	30°8	—		3	29°852	29°887	29°795	36°2	3°2	42°8	31°8	°010	3
4	29°932	30°049	29°863	34°7	2°8	40°9	29°1	—		4	29°804	29°904	29°764	36°0	2°4	42°4	30°6	—	4
5	30°015	30°046	29°956	34°4	3°0*	41°8	28°9	—		5	30°063	30°212	29°923	36°4	3°9	43°3	31°6	—	5
6	30°028	30°096	29°971	40°6	2°7	47°9	33°3	°015		6	30°227	30°250	30°201	36°2	3°7	44°8	28°3	°010	6
7	30°037	30°093	29°953	43°4	3°1	49°4	35°7	—		7	30°150	30°247	30°035	37°5	3°0	45°3	28°6	°060	7
8	29°760	29°936	29°599	47°0	1°4	49°3	43°3	°005		8	29°980	30°021	29°955	35°6	3°1	40°6	31°7	—	8
9	29°408	29°556	29°297	49°4	1°5	52°3	47°6	°230		9	29°966	30°012	29°916	37°2	3°5	43°0	31°3	°020	9
10	29°368	29°459	29°285	49°6	2°6	55°3	46°9	°010		10	30°037	30°081	29°959	37°4	3°4	41°8	31°3	—	10
11	29°009	29°433	28°736	43°9	2°2	47°8	39°8	°345		11	29°886	30°028	29°820	44°0	3°7	52°0	37°7	°020	11
12	29°300	29°506	29°121	37°9*	3°0*	41°7	32°1	°035		12	29°807	29°863	29°770	43°7	3°5	48°0	39°1	°010	12
13	29°573	29°650	29°443	33°4	2°0*	36°2	31°9	°045		13	29°778	29°886	29°718	51°8	4°6	60°2	42°3	°005	13
14	29°250	29°405	29°184	41°8	1°4	50°3	32°3	°565		14	29°905	29°936	29°876	49°6	3°1	59°9	42°1	—	14
15	29°206	29°252	29°153	42°3	3°4	49°0	37°3	°120		15	29°748	29°857	29°678	50°9	2°9	64°5	40°4	°200	15
16	29°415	29°595	29°262	34°1	2°0	37°8	30°9	°030		16	29°893	29°923	29°767	49°7	3°6	58°1	42°0	—	16
17	29°814	30°042	29°598	32°2	2°2	36°1	29°9	—		17	29°709	29°856	29°644	49°8	2°6	56°8	45°2	°095	17
18	30°135	30°183	30°045	31°5	3°0*	34°3	30°4	—		18	29°633	29°648	29°620	48°4	2°3	55°3	43°9	°500	18
19	30°000	30°120	29°927	31°2	2°7*	34°9	29°1	°150		19	29°566	29°619	29°535	47°5	2°1	53°6	41°9	°225	19
20	29°999	30°137	29°914	32°7	1°9	34°5	30°6	—		20	29°554	29°607	29°520	46°4	2°3	51°0	43°5	°465	20
21	30°191	30°220	30°149	37°3	3°3	45°6	30°7	—		21	29°678	29°706	29°608	45°5	2°8	55°0	37°3	—	21
22	29°887	30°177	29°576	38°4	1°3	47°2	28°3	°065		22	29°662	29°696	29°645	42°6	2°0	45°2	40°5	°090	22
23	29°347	29°547	29°285	39°6	0°9	43°1	30°9	°270		23	29°699	29°736	29°668	43°8	1°3	47°7	41°3	°450	23
24	29°339	29°419	29°206	38°9	2°2	47°0	35°0	°145		24	29°852	29°905	29°713	43°3	0°9	46°9	39°0	°015	24
25	29°088	29°196	28°969	39°0	1°7	43°9	34°7	°090		25	30°001	30°088	29°943	41°5	2°9	49°3	38°2	—	25
26	29°051	29°085	29°007	38°5	1°4	44°8	32°4	°565		26	30°157	30°239	30°098	39°6	4°2	45°6	34°1	—	26
27	29°041	29°069	29°006	36°3	1°9	42°3	33°1	—											

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., KEW—*cont.*

MAY 1888.										JUNE 1888.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			
				Dry.	Difference. (Dry—Wet.)								Dry.	Difference. (Dry—Wet.)					Dry.
1	ins. 29'495	ins. 29'824	ins. 29'374	50'8	3'8	55'6	44'3	in.		ins. 30'193	ins. 30'230	ins. 30'133	50'8	5'9	60'3	47'1	in.		1
2	29'776	29'868	29'671	46'9	2'8	53'9	40'3	235		30'097	30'221	29'935	63'6	6'2	75'7	51'8	—		2
3	27'873	30'046	29'720	46'9	4'7	54'3	41'9	—		29'883	29'978	29'831	65'3	6'8	77'9	53'0	—		3
4	30'163	30'238	30'059	48'2	5'2	56'7	39'9	005		30'027	30'044	29'992	60'6	5'2	73'8	51'4	—		4
5	30'277	30'317	30'242	48'2	5'1	56'3	38'1	—		30'072	30'119	29'995	51'0	4'4	55'5	48'3	010		5
6	30'288	30'316	30'256	50'8	2'6	56'3	41'9	—		29'851	29'971	29'826	53'4	2'0	60'2	48'0	120		6
7	30'236	30'256	30'200	57'5	3'6	66'2	50'2	—		29'810	29'830	29'790	57'2	3'6	68'0	45'3	—		7
8	30'195	30'273	30'169	58'2	4'5	67'3	50'0	—		29'682	29'787	29'587	59'4	2'4	67'0	53'0	135		8
9	30'314	30'352	30'279	49'1	6'1	56'9	42'2	—		29'615	29'831	29'535	57'9	2'5	64'9	54'6	245		9
10	30'366	30'423	30'339	47'0	5'5	56'4	41'1	—		30'010	30'106	29'848	58'4	6'0	66'7	51'0	—		10
11	30'423	30'462	30'392	46'4	4'8	56'4	36'1	—		30'031	30'101	29'929	58'2	5'8	68'9	47'6	—		11
12	30'388	30'440	30'330	48'5	4'2	60'7	34'3	—		29'747	29'910	29'655	61'3	5'4	72'3	51'7	010		12
13	30'104	30'322	29'927	54'3	6'8	68'6	39'6	—		29'800	29'865	29'743	56'8	6'5	66'0	49'1	—		13
14	29'826	29'912	29'772	48'7	4'9	54'9	42'1	—		29'915	29'993	29'855	53'4	3'4	60'9	48'5	060		14
15	29'645	29'766	29'559	50'7	5'7	61'3	39'1	—		29'897	29'999	29'743	52'6	1'6	56'5	48'0	230		15
16	29'529	29'558	29'504	52'2	2'6	62'5	42'4	200		29'894	30'014	29'780	54'1	4'5	61'2	49'2	—		16
17	29'591	29'692	29'518	55'1	1'6	59'9	50'9	475		30'052	30'129	30'003	50'1	2'8	52'9	44'4	010		17
18	29'710	29'759	29'672	63'6	4'4	73'7	55'4	—		30'158	30'206	30'117	49'9	2'8	55'3	45'0	—		18
19	29'714	29'899	29'667	62'4	4'6	73'8	51'9	—		30'142	30'197	30'057	49'5	2'3	53'1	46'2	010		19
20	30'166	30'338	29'927	56'0	5'7	64'6	47'2	—		29'939	30'048	29'863	50'6	1'4	54'1	45'4	060		20
21	30'378	30'410	30'341	56'3	5'9	66'1	44'3	—		29'925	29'947	29'903	57'6	2'3	64'1	49'0	190		21
22	30'355	30'399	30'313	50'7	2'5	55'7	45'0	—		30'031	30'126	29'934	59'8	2'2	68'7	54'7	—		22
23	30'338	30'352	30'325	55'9	8'4	64'5	44'7	—		30'098	30'139	30'024	57'3	3'2	65'5	51'3	—		23
24	30'295	30'343	30'238	53'7	5'8	67'3	42'9	—		29'963	30'011	29'935	63'3	3'2	75'2	51'9	125		24
25	30'191	30'266	30'125	50'7	4'7	60'5	42'8	—		29'933	29'992	29'885	70'1	5'3	82'0	60'9	—		25
26	30'073	30'145	29'996	48'8	4'7	55'1	43'0	—		29'799	29'872	29'747	66'0	2'9	73'4	59'8	400		26
27	29'834	29'909	29'713	51'4	4'0	62'9	38'3	—		29'673	29'756	29'565	60'6	1'7	67'4	56'4	460		27
28	29'758	29'889	29'699	50'2	3'2	58'2	40'2	—		29'585	29'604	29'566	58'2	3'1	65'2	53'2	125		28
29	29'898	29'951	29'760	52'5	4'1	60'0	46'4	—		29'539	29'588	29'502	58'4	4'0	64'0	52'2	150		29
30	29'727	29'849	29'675	56'3	4'4	62'9	49'8	215		29'703	29'868	29'586	54'6	4'5	62'7	47'8	010		30
31	29'951	30'130	29'857	54'7	6'1	63'2	47'0	—											
Maximum fall in one hour } 3 a.m. 30th										Maximum fall in one hour } Midt. 26th									
JULY.										AUGUST.									
1	ins. 29'987	ins. 30'029	ins. 29'880	55'4	0'9	65'3	44'2	in.		ins. 29'939	ins. 29'977	ins. 29'918	53'6	1'5	57'2	51'0	in.		1
2	29'833	30'025	29'587	55'6	1'7	58'1	52'1	550		30'095	30'209	29'976	56'9	3'8	65'4	50'0	715		2
3	29'557	29'578	29'546	59'7	3'7	67'2	55'3	090		30'207	30'237	30'178	57'0	4'1	68'3	44'1	005		3
4	29'479	29'551	29'441	58'6	2'7	64'9	53'1	090		30'038	30'183	29'811	58'9	2'7	67'1	51'9	010		4
5	29'470	29'525	29'445	57'6	2'2	64'9	52'5	500		29'863	30'099	29'663	57'3	4'9	62'0	52'3	070		5
6	29'663	29'836	29'527	56'1	2'0	63'0	51'9	140		30'114	30'139	30'091	54'2	2'3	58'8	47'6	030		6
7	29'947	30'055	29'839	53'4	1'9	57'1	51'0	105		30'099	30'125	30'070	65'9	3'8	77'1	56'0	—		7
8	30'042	30'056	30'022	57'7	4'3	66'0	51'0	—		30'115	30'128	30'100	66'6	4'2	77'2	59'0	—		8
9	29'937	30'034	29'849	57'9	3'4	64'6	49'9	010		30'071	30'114	30'018	67'2	4'4	78'8	54'6	—		9
10	29'864	29'926	29'678	55'0	5'5	63'2	49'0	—		30'003	30'058	29'974	68'7	4'6	79'7	58'9	—		10
11	29'756	29'927	29'622	49'0	2'7	55'0	43'8	340		30'059	30'068	30'051	61'1	2'7	66'1	55'1	—		11
12	30'021	30'094	29'931	50'6	1'4	54'0	48'1	090		29'918	30'046	29'798	63'4	3'2	70'5	56'9	—		12
13	30'068	30'107	30'025	58'2	5'5	68'3	44'5	—		29'887	30'081	29'761	60'2	5'4	66'9	51'3	—		13
14	29'961	30'026	29'868	61'7	3'5	68'5	53'9	—		30'161	30'192	30'091	56'1	4'9	66'0	47'1	—		14
15	29'729	29'862	29'563	56'6	1'8	58'1	55'1	385		30'069	30'156	30'017	54'6	3'9	61'3	46'0	005		15
16	29'445	29'555	29'398	58'8	1'9	66'3	49'9	080		30'115	30'149	30'073	52'6	3'5	59'9	44'8	—		16
17	29'421	29'435	29'406	58'5	2'5	68'0	48'9	010		30'114	30'166	30'066	52'8	4'2	59'0	48'8	—		17
18	29'526	29'692	29'414	59'9	1'8	66'2	56'2	230		30'220	30'267	30'162	54'0	3'4	63'1	48'8	—		18
19	29'803	29'879	29'705	60'6	3'0	69'8	54'5	—		30'162	30'251	30'063	55'4	3'3	66'3	43'4	010		19
20	29'878	29'900	29'864	59'3	1'6	66'2	50'9	015		29'897	30'053	29'705	58'0	2'7	63'3	52'9	130		20
21	29'871	29'888	29'845	60'1	3'2	65'0	55'6	—		29'626	29'682	29'610	59'5	2'1	67'8	55'1	030		21
22	29'791	29'866	29'612	62'8	3'6	71'3	56'6	390		29'796	29'952	29'635	59'8	4'1	68'8	52'1	—		22
23	29'594	29'662	29'565	61'1	3'5	66'9	55'3	010		29'869	29'947	29'749	58'4	2'0	65'1	50'2	—		23
24	29'723	29'802	29'661	61'0	4'3	67'7	55'1	005		29'622	29'735	29'575	61'5	2'5	71'6	54'2	290		24
25	29'666	29'792	29'565	59'6	1'6	62'9	56'9	230		29'732	29'887	29'600	60'9	2'8	68'3	53'1	030		25
26	29'733	29'859	29'584	60'2	4'1	68'7	53'7	240		29'926	29'968	29'898	59'5	2'6	65'6	52'6	—		26
27	29'715	29'862	29'421	58'5	2'7	67'2	50'2	260		29'927	29'960	29'886	58						

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., KEW—cont.

SEPTEMBER 1888.										OCTOBER 1888.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAY	DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAY
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				Means 24 hrs.	Max.	Min.	Difference. (Dry—Wet.)		Max.	Min.		
				Dry.	Difference. (Dry—Wet.)									Dry.	Difference. (Dry—Wet.)				
1	ins. 30°265	ins. 30°325	ins. 30°157	54°0	4°3	64°1	42°3	in. 0°005	1	ins. 29°613	ins. 29°772	ins. 29°438	43°2	3°2	52°1	35°4	in. —	1	
2	30°001	30°132	29°932	58°1	1°3	62°0	54°0	0°140	2	29°302	29°422	29°251	39°0	0°7	43°2	35°0	0°080	2	
3	29°921	29°939	29°806	60°2	1°7	68°0	54°2	0°095	3	29°406	29°564	29°292	40°8	1°6	51°3	28°1	0°005	3	
4	29°951	29°985	29°918	58°6	2°8	66°9	52°6	0°020	4	29°569	29°623	29°471	42°8	2°1	51°3	34°1	0°065	4	
5	30°047	30°093	29°971	60°5	2°3	64°2	57°9	0°010	5	29°688	29°740	29°642	39°8	3°0	50°3	31°1	0°010	5	
6	30°020	30°069	29°995	58°0	3°4	63°9	50°0	0°025	6	29°868	30°036	29°748	38°9	2°8	48°9	30°9	—	6	
7	30°064	30°226	29°998	53°6	3°0	63°0	48°6	0°060	7	30°108	30°177	30°047	39°3	3°5	48°9	32°1	—	7	
8	30°346	30°387	30°239	50°1	3°7*	57°1	43°9	0°005	8	30°161	30°203	30°116	40°2	3°2	50°3	29°0	—	8	
9	30°173	30°354	30°085	51°4	3°3	58°1	45°2	0°070	9	30°076	30°115	30°048	42°0	3°0	52°9	32°1	—	9	
10	30°115	30°205	30°062	51°3	1°7	59°5	43°3	0°100	10	30°049	30°092	30°023	46°0	2°5	57°7	37°7	—	10	
11	30°288	30°383	30°211	51°9	3°2	62°5	42°0	0°005	11	30°059	30°109	30°074	46°7	1°8	55°3	41°4	—	11	
12	30°446	30°481	30°393	52°1	2°8	64°2	41°4	0°005	12	29°977	30°088	29°846	49°3	2°7	57°3	41°4	—	12	
13	30°419	30°476	30°327	53°1	2°9	63°1	40°8	0°005	13	29°891	30°025	29°791	47°0	3°9	52°9	35°9	0°050	13	
14	30°206	30°305	30°138	57°1	2°5	66°1	50°3	0°005	14	30°149	30°276	30°034	39°5	3°0	48°8	32°4	—	14	
15	30°113	30°140	30°088	59°5	2°1	71°0	50°6	0°005	15	30°322	30°365	30°279	39°2	1°7	51°9	30°8	0°005	15	
16	30°162	30°219	30°083	58°1	3°4	61°0	55°0	0°005	16	30°339	30°372	30°303	41°6	1°1	54°3	32°0	0°005	16	
17	30°225	30°252	30°205	57°1	2°4	63°2	53°7	—	17	30°271	30°303	30°238	42°8	1°1	54°4	36°1	—	17	
18	30°250	30°270	30°234	57°0	2°3	60°8	52°0	—	18	30°224	30°256	30°186	45°7	1°1	54°9	35°6	0°005	18	
19	30°236	30°263	30°201	57°6	3°7	63°6	51°8	—	19	30°240	30°285	30°211	46°7	2°1	54°2	40°2	—	19	
20	30°200	30°221	30°174	56°3	3°3	64°4	49°1	0°005	20	30°334	30°384	30°276	42°8	2°7	53°2	32°8	0°005	20	
21	30°174	30°199	30°138	56°0	2°5	65°5	46°8	0°005	21	30°389	30°414	30°367	40°1	1°5	53°2	31°3	0°005	21	
22	30°178	30°211	30°148	55°3	2°2	64°3	45°5	0°005	22	30°398	30°431	30°361	42°0	1°0	51°3	31°9	—	22	
23	30°104	30°164	30°015	53°3	0°6	58°6	48°6	0°005	23	30°259	30°357	30°170	37°9	0°9	48°4	30°2	—	23	
24	29°912	30°005	29°855	59°3	1°5	61°2	52°0	0°060	24	30°085	30°163	30°010	39°9	0°3	49°2	33°4	0°010	24	
25	30°026	30°174	29°887	54°0	1°6	56°3	50°7	0°425	25	29°961	29°999	29°939	52°6	2°1	60°9	43°3	—	25	
26	30°208	30°236	30°174	53°8	3°8	59°7	48°8	—	26	30°069	30°172	29°968	58°3	1°7	61°6	55°0	0°005	26	
27	30°160	30°213	30°111	53°4	2°9	62°3	46°9	—	27	30°224	30°260	30°166	60°3	3°2	66°9	56°9	—	27	
28	29°991	30°109	29°853	56°2	0°8	62°6	49°2	0°125	28	30°179	30°251	30°120	59°3	2°9	63°6	55°9	0°165	28	
29	29°684	29°839	29°526	59°5	1°3	65°2	55°9	0°250	29	30°165	30°209	30°118	52°6	0°7	57°3	48°8	0°505	29	
30	29°704	29°808	29°532	46°9	4°1	55°3	39°2	—	30	29°946	30°092	29°818	49°2	0°5	51°8	47°3	0°400	30	
Maximum fall in one hour } 10 p.m. 29th									0°185	Maximum fall in one hour } Noon, 30th									0°155
NOVEMBER.										DECEMBER.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAY	DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAY
	Means 24 hrs.	Max.	Min.	Dry.	Difference. (Dry—Wet.)	Max.	Min.				Means 24 hrs.	Max.	Min.	Dry.	Difference. (Dry—Wet.)	Max.	Min.		
1	ins. 29°584	ins. 29°730	ins. 29°481	45°2	0°5	49°3	40°7	in. 0°485	1	ins. 29°763	ins. 29°926	ins. 29°556	41°6	1°4	47°6	37°1	in. 0°005	1	
2	29°421	29°481	29°362	47°0	0°6	49°1	45°9	0°580	2	30°008	30°043	29°931	48°6	1°9	52°0	44°1	0°030	2	
3	29°595	29°730	29°488	47°0	0°6	50°8	42°2	0°325	3	29°949	30°026	29°894	50°6	2°1	51°7	49°0	—	3	
4	29°717	29°756	29°649	48°2	1°5	54°9	42°9	0°075	4	30°041	30°140	29°918	52°3	0°9	55°7	49°1	0°005	4	
5	29°782	29°835	29°662	48°8	1°1	54°5	43°7	0°005	5	30°154	30°184	30°129	52°7	1°6	57°3	50°2	0°005	5	
6	29°799	29°839	29°753	40°6	2°6	45°8	37°9	—	6	30°171	30°226	30°103	50°4	1°4	54°9	42°9	—	6	
7	29°752	29°796	29°721	36°8	2°8*	38°7	35°2	—	7	30°028	30°084	29°988	43°5	2°5	51°3	36°0	—	7	
8	29°801	29°853	29°737	40°0	1°5	43°3	35°0	—	8	30°058	30°102	30°033	42°7	0°5	49°1	32°2	0°175	8	
9	29°757	29°824	29°719	42°6	1°3	45°0	38°3	0°300	9	30°231	30°314	30°111	39°1	1°0	45°8	30°3	—	9	
10	29°812	29°858	29°743	42°0	2°4	47°9	38°2	0°025	10	30°320	30°343	30°303	29°5	0°2	32°0	27°1	—	10	
11	29°802	29°831	29°743	47°5	0°5	50°8	43°1	0°120	11	30°276	30°319	30°237	32°6	0°8	39°0	28°0	0°010	11	
12	29°618	29°810	29°448	49°8	0°9	53°1	45°9	0°195	12	30°329	30°380	30°264	33°9	2°0	39°0	30°8	—	12	
13	29°499	29°716	29°326	49°7	1°6	53°8	45°1	0°030	13	30°296	30°368	30°236	31°5	1°3	35°8	27°4	—	13	
14	29°935	30°109	29°733	49°3	0°9	56°0	42°0	—	14	30°256	30°321	30°217	35°0	0°5	38°4	27°9	0°005	14	
15	30°118	30°153	30°084	53°0	0°9	56°2	49°9	0°045	15	30°381	30°427	30°319	33°5	0°4	38°0	30°0	0°010	15	
16	30°086	30°136	30°029	55°5	2°1	58°7	48°9	—	16	30°446	30°483	30°428	36°6	0°5	39°1	34°3	0°005	16	
17	30°025	30°131	29°962	49°7	3°1	53°6	46°8	0°030	17	30°349	30°415	30°293	33°5	0°4	35°6	29°2	—	17	
18	29°991	30°025	29°929	49°8	1°8	53°1	45°3	0°035	18	30°137	30°285	30°012	30°2	0°3	32°9	28°0	—	18	
19	29°865	29°937	29°737	52°8	2°6	54°5	51°1	0°010	19	29°878	29°993	29°738	42°8	0°7	46°7	32°9	0°005	19	
20	29°799	29°982	29°652	45°9	3°7	53°8	40°6	0°105	20	29°594	29°725	29°466	44°7	0°9	47°5	40°0	—	20	
21	30°098	30°203	29°982	44°6	3°5	49°1	40°1	—	21	29°176	29°439	28°959	48°4	1°7	50°3	45°3	0°115	21	
22	30°159	30°202	30°136	49°9	3°1	53°3	45°1	—	22	29°171	29°413	28°553	47°3	1°6	50°9	43°9	0°115	22	
23	30°199	30°229	30°156	52°6	2°8	55°1	50°3	—	23	29°517	29°586	29°418	43°9	1°0	48°2	41°2	0°365	23	
24	30°089	30°185	30°056	52°7	3°7	54°8	49°8	—	24	29°506	29°596	29°436	46°0	1°0	50°0	42°0	—	24	
25	29°853	30°044	29°599	53°7	3°1	55°2	52°2	0°045	25	29°594	29°724	29°412	41°4	1°3	49°0	32°6	0°195	25	
26	29°603	29°656	29°528	47°1	1°8	53°0	43°9	0°495	26	29°794	29°983	29°587	39°8	1°6	45°1	33°1	0°010	26	
27	29°360	29°640	29°198	48°0	2°3	53°0	42°0												

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Official No. 103.

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HOURLY MEANS
OF THE
READINGS OBTAINED FROM THE SELF-RECORDING INSTRUMENTS
AT THE
FOUR OBSERVATORIES UNDER THE METEOROLOGICAL COUNCIL.
1889.

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Published by the Authority of the Meteorological Council.  
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[Continued on page 3 of cover.]

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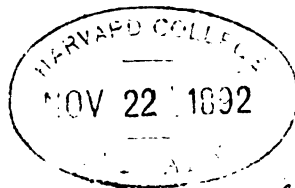
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No change has been made in the instruments used for obtaining the hourly values from which the following tables of means have been calculated, or in their exposure or position.

An addition has been made to Table VII., which now includes the monthly and yearly means of the daily maximum and minimum temperatures, omitted from the vols. for 1887 and 1888. The mean values for those years are, however, now given in this volume.

In all other respects the present volume has been prepared on exactly the same lines as those for the two preceding years.

R. H. SCOTT,
Secretary.

July 1892.

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TABLE VIII. HOURLY AND DAILY MEAN DIFFERENCE BETWEEN THE DRY AND WET-BULB THERMOMETERS FOR EACH CALENDAR MONTH AND FOR THE YEAR:

for Valencia Observatory	-	-	-	-	-	16
Aberdeen "	-	-	-	-	-	44
Falmouth "	-	-	-	-	-	72
Kew "	-	-	-	-	-	100

TABLE IX. MEAN HOURLY AND DAILY WIND COMPONENTS FOR EACH CALENDAR MONTH AND FOR THE YEAR:

for Valencia Observatory	-	-	-	-	-	18
Aberdeen "	-	-	-	-	-	46
Falmouth "	-	-	-	-	-	74
Kew "	-	-	-	-	-	102

TABLE X. NUMBER OF HOURS IN WHICH RAIN FELL, AND THE TOTAL AMOUNTS OF RAIN MEASURED, FOR EACH HOUR AND CALENDAR MONTH, AND FOR THE YEAR:

for Valencia Observatory	-	-	-	-	-	18
Aberdeen "	-	-	-	-	-	46
Falmouth "	-	-	-	-	-	74
Kew "	-	-	-	-	-	102

TABLE XI. NUMBER OF OBSERVATIONS OF WIND, AND THEIR MEAN VELOCITY, REFERRED TO EIGHT POINTS, FOR EACH HOUR AND FOR THE DAY FOR EACH CALENDAR MONTH. ALSO THE MEAN VELOCITY, IRRESPECTIVE OF DIRECTION, FOR EACH HOUR AND FOR THE DAY; AND THE MAXIMUM VELOCITY OBSERVED DURING THE MONTH FROM EACH OF THE EIGHT POINTS:

for Valencia Observatory	-	-	-	-	-	20
Aberdeen "	-	-	-	-	-	48
Falmouth "	-	-	-	-	-	76
Kew "	-	-	-	-	-	104

TABLE XII. DAILY MEANS AND EXTREMES OF PRESSURE AND TEMPERATURE, AND DAILY AMOUNTS OF RAINFALL, FOR EACH MONTH OF THE YEAR:

for Valencia Observatory	-	-	-	-	-	26
Aberdeen "	-	-	-	-	-	54
Falmouth "	-	-	-	-	-	82
Kew "	-	-	-	-	-	110

INTRODUCTION.

THE elements dealt with in the following tables are—

- a. Barometrical pressure.
- b. Temperature of the air.
- c. Difference between the dry and wet-bulb thermometers.
- d. Direction and velocity of the wind.
- e. Rainfall.

For the first four of these elements hourly means, and for the last element hourly totals, are given for periods of five days, for the calendar months, and for the year; while means of pressure and temperature, and totals of rainfall, are also given for every day of the year.

It will be observed that the tables of pressure and temperature supply for each period hourly mean values for the initial and final midnights.

Assuming, as may be done, that the mean value for any hour is the mean between the values at the commencement and end of that hour, it follows that the true mean of the 24 hourly means will be found by adding half the sum of the initial and final midnights to the rest of the hourly values, and dividing by 24.

Again, to ascertain the true hourly variations from the true mean of the day, account must be taken of the change of value between the initial and final midnights, which may be termed, so far as the hourly variations are concerned, the non-periodic variation.

It will be apparent that in order to eliminate the effect of these non-periodic fluctuations corrections must be applied to the mean hourly values, as follows:—

Calling the difference between the means of the initial and final midnight, that is 0 hours and 24 hours, d , the correction for the several hours will be—

MIDT.	A.M.		NOON.		P.M.	MIDT.
for 0 hrs.	1, 2,	-	- 12,	-	- 22, 23, 24.	
	$\frac{1}{2}d$, $\frac{1}{4}d$, $\frac{1}{4}d$.	-	- 0	-	$\frac{1}{4}d$, $\frac{1}{4}d$, $\frac{1}{2}d$	

the correction being added to the A.M. and subtracted from the P.M. means if the initial (0 hours) mean value is less than the final (24 hours) mean, but subtracted from the A.M. and added to the P.M. means if the initial mean value is greater than the final mean.

The instruments used for obtaining the records are described in the Reports of the Meteorological Office for the years 1867 and 1869; while particulars as to their exposure and as to the physical features of the district surrounding the Observatories will be found in the Quarterly Weather Report for 1870, and in a note in the volume of Hourly Readings for 1885. A description of the methods adopted to secure correct measurements from the photographic or other traces, which, although varied in some details, are still unaltered as regards their general principle, will also be found in the Reports of the Meteorological Office for 1868 and 1869.

Before the means were calculated from the measurements all breaks in the hourly readings were supplied by interpolations, in making which any data in the Office available

for the purpose have been used. Such breaks are rare, but occur at times from failure of the photography or from stoppage of the clock, but the temperature of the wet bulb is that most frequently lost, owing to frost. Such losses can, however, usually be made good with a very near approach to accuracy.

The tables are 12 in number for each Observatory, as follows :—

TABLE I.—Gives for five-day periods the mean pressure for each hour of the day, and also for the whole 24 hours. This, and some of the succeeding tables, is in two parts, the means for the first six months (36 five-day groups) forming the first part, and those for the second six months (37 five-day groups) the second part. The extra day in leap year is always reckoned in the twelfth of the five-day groups, which in those years gives the mean of six days instead of five. No correction has been applied to the barometer readings for height above mean sea-level, but they have been reduced to 32° Fahrenheit.

TABLE II.—Gives the mean temperature of the air for each hour of the day and for the whole 24 hours for 73 groups of five days.

TABLE III.—Gives for the five-day periods the hourly and daily mean difference between the dry and wet-bulb thermometers. Opinion being unsettled as to the best method of computing the tension of vapour or humidity from these observations, the mean difference of the two thermometers alone has been given.

TABLE IV.—Gives the mean hourly and daily wind components for the same five-day periods. The observed directions and magnitudes are resolved into two components, for those in the direction of the meridian North being regarded as positive and South as negative; and for those in the direction perpendicular to the meridian, East being positive and West negative. The means are obtained from the algebraic sum of the several components for the periods in question.

TABLE V.—Deals with the frequency and amount of rainfall for the five-day and other periods as before. The first column under each hour shows the number of times at which rain fell in the 60 minutes immediately preceding that hour, while the second column gives the aggregate quantity of rain measured at the hour. The final two columns give the number of *days* on which rain to the amount of at least a hundredth of an inch fell, and the total fall for each period of five days. It sometimes happens, generally with falls of snow, but occasionally, although only rarely, through stoppage of the clock, that the trace fails, and it then becomes impossible to allocate the rainfall accurately to the proper hours. In such cases no note has been put to the figures in the hourly columns, but the amounts of rain measured at such times have been added to the hourly amounts given, and therefore the correct quantity is shown in the daily totals.

TABLE VI.—Gives the hourly and daily means of pressure for each calendar month and for the whole year.

- TABLE VII.—Gives the hourly and daily means of temperature and also the means of the daily maxima and minima for each calendar month and for the whole year.
- TABLE VIII.—Gives the hourly and daily mean difference between the dry and wet bulb thermometers for each calendar month and for the whole year.
- TABLE IX.—Gives the mean hourly and daily wind components for each calendar month and for the year.
- TABLE X.—Exhibits the hourly frequency and total amount of rainfall for each month and for the year; and also the number of days on which at least 0·01 inch of rain fell, and the total amount of rain measured, in each month and during the whole year.
- TABLE XI.—Shows the number of times the wind blew from each of the eight octants, reckoned on either side of the points North, North-east, &c., together with the number of calms for each hour of the day; the mean velocity being shown in the second column for every hour, while the average velocity at each hour, irrespective of direction, is given at the foot of the column. The three final columns give similar information for the month, and the maximum velocity during the month from each octant. In preparing this Table, and also Table IV., an observation has been reckoned as a calm when the motion of the wind was less than five miles in the hour.
- TABLE XII.—Gives the mean pressure, mean air temperature, and mean difference between the dry and wet bulb thermometers for every day in the year; together with the daily extremes of pressure and temperature, the daily fall of rain, and the maximum hourly fall of rain in each month of the year.

ADDENDUM.

MEANS of the DAILY MAXIMUM and MINIMUM TEMPERATURES for each CALENDAR MONTH and for the YEAR, to be added to TABLE VII. for the different OBSERVATORIES, in the Vols. for 1887 and 1888.

1887.

MONTH.	VALENCIA.		ABERDEEN.		PALMOUTH.		KEW.	
	Means of Daily Max.	Min.	Means of Daily Max.	Min.	Means of Daily Max.	Min.	Means of Daily Max.	Min.
January - - -	48°6	41°4	42°9	35°3	45°7	38°7	39°8	31°3
February - - -	48°8	41°0	45°1	36°3	45°5	38°4	44°8	33°3
March - - -	48°8	38°3	44°8	33°6	45°7	35°9	44°3	32°8
April - - -	52°2	39°8	48°1	36°4	49°7	38°6	52°4	36°4
May - - -	57°4	46°4	53°4	41°4	55°5	44°5	57°1	43°3
June - - -	69°4	54°0	63°1	48°5	66°5	53°0	69°9	50°8
July - - -	66°7	56°5	65°4	50°9	69°9	56°8	75°6	54°9
August - - -	65°6	55°4	61°0	49°8	67°0	54°6	71°7	52°1
September - - -	61°0	50°7	56°3	45°2	59°7	50°0	60°7	47°3
October - - -	53°7	44°9	49°9	39°2	52°8	43°2	51°8	38°6
November - - -	48°8	39°8	44°3	36°7	48°0	40°6	45°1	36°4
December - - -	46°6	38°5	40°5	32°9	45°9	37°6	42°2	34°0
Year - - -	55°6	45°6	51°2	40°5	54°3	44°3	54°6	40°9

1888.

MONTH.	VALENCIA.		ABERDEEN.		PALMOUTH.		KEW.	
	Means of Daily Max.	Min.	Means of Daily Max.	Min.	Means of Daily Max.	Min.	Means of Daily Max.	Min.
January - - -	48°0	41°4	42°6	34°6	46°0	39°6	41°8	34°0
February - - -	44°2	37°1	39°7	31°3	41°4	34°0	39°3	32°0
March - - -	46°5	36°6	40°1	31°9	45°2	36°3	44°0	33°9
April - - -	50°4	42°0	46°7	36°5	49°2	40°1	50°7	37°4
May - - -	57°9	46°7	52°7	40°6	56°9	45°9	61°1	43°7
June - - -	62°7	52°2	54°2	43°4	61°7	50°5	65°5	50°5
July - - -	62°1	53°0	57°2	47°3	62°0	52°7	64°6	52°0
August - - -	63°9	53°8	58°9	47°5	63°0	53°1	66°2	51°1
September - - -	61°1	50°0	57°0	44°2	60°5	51°2	62°8	48°7
October - - -	56°3	47°9	51°7	42°6	55°2	46°8	53°6	37°5
November - - -	52°4	46°0	47°0	39°7	53°3	46°1	51°2	43°3
December - - -	50°4	42°8	44°9	36°8	49°9	43°0	44°9	35°6
Year - - -	54°7	45°8	49°4	39°7	53°7	44°9	53°8	41°6

VALENCIA OBSERVATORY.

E 70918. 300.—3/92. Wt. 24224.

A

HOURLY and DAILY MEANS of PRESSURE for FIVE-DAY PERIODS.

VALENCIA OBSERVATORY - - - - LAT. 51° 55' N. LONG. 10° 18' W.

Barometer Cistern, 23 feet above Mean Sea Level.

The readings are corrected for temperature, but are not reduced to Mean Sea Level.

Five-day Periods.	Midt.		A.M.					Noon.					P.M.					Midt.		Daily Means (Five Days).	Five-day Periods.					
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.			19.	20.	21.	22.	23.
1839	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.
Jan.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.
1-5	30.427	30.421	30.425	30.433	30.432	30.428	30.432	30.431	30.446	30.450	30.461	30.464	30.463	30.447	30.437	30.432	30.437	30.437	30.443	30.441	30.443	30.440	30.440	30.440	30.438	30.435
6-10	29.637	29.631	29.635	29.643	29.642	29.648	29.633	29.623	29.620	29.615	29.611	29.612	29.604	29.594	29.577	29.578	29.578	29.578	29.574	29.577	29.583	29.584	29.590	29.590	29.590	29.591
11-15	29.794	29.785	29.781	29.774	29.764	29.762	29.760	29.765	29.770	29.772	29.775	29.775	29.770	29.761	29.759	29.759	29.759	29.759	29.761	29.764	29.766	29.772	29.760	29.760	29.775	29.774
16-20	30.146	30.146	30.149	30.153	30.147	30.148	30.152	30.168	30.170	30.172	30.175	30.227	30.235	30.237	30.238	30.248	30.248	30.248	30.288	30.299	30.310	30.317	30.335	30.331	30.341	30.341
21-25	30.561	30.556	30.552	30.554	30.548	30.546	30.547	30.553	30.553	30.574	30.582	30.576	30.574	30.559	30.552	30.550	30.553	30.556	30.562	30.565	30.570	30.560	30.560	30.565	30.568	30.561
26-30	30.561	30.540	30.512	30.497	30.483	30.479	30.484	30.493	30.510	30.521	30.546	30.552	30.558	30.560	30.561	30.561	30.561	30.561	30.561	30.561	30.561	30.561	30.561	30.561	30.561	30.561
Feb.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.
31-4	29.953	29.949	29.948	29.947	29.946	29.951	29.956	29.955	29.974	29.981	30.003	30.016	30.028	30.024	30.020	30.021	30.030	30.024	30.038	30.043	30.049	30.045	30.045	30.048	30.036	30.002
5-9	30.187	30.172	30.156	30.139	30.116	30.098	30.087	30.073	30.074	30.075	30.086	30.083	30.091	30.085	30.084	30.081	30.084	30.084	30.083	30.083	30.083	30.083	30.083	30.083	30.083	30.083
10-14	29.910	29.936	29.918	29.905	29.890	29.872	29.869	29.846	29.832	29.835	29.872	29.881	29.900	29.899	29.899	29.894	29.900	29.900	29.900	29.900	29.900	29.900	29.900	29.900	29.900	29.900
15-19	30.164	30.163	30.162	30.161	30.158	30.155	30.163	30.168	30.188	30.203	30.222	30.234	30.247	30.248	30.247	30.248	30.255	30.257	30.269	30.276	30.286	30.290	30.277	30.279	30.283	30.283
20-24	30.362	30.362	30.355	30.353	30.347	30.337	30.333	30.334	30.341	30.345	30.348	30.346	30.346	30.344	30.343	30.343	30.343	30.343	30.343	30.343	30.343	30.343	30.343	30.343	30.343	30.343
25-1	29.840	29.832	29.833	29.814	29.802	29.793	29.795	29.793	29.796	29.799	29.796	29.801	29.799	29.796	29.784	29.775	29.768	29.765	29.767	29.773	29.771	29.765	29.757	29.754	29.750	29.788
March	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.
2-6	29.863	29.861	29.859	29.848	29.845	29.841	29.842	29.839	29.847	29.840	29.849	29.846	29.845	29.842	29.820	29.822	29.815	29.811	29.811	29.812	29.813	29.807	29.800	29.799	29.794	29.832
7-11	29.626	29.624	29.623	29.619	29.616	29.617	29.628	29.637	29.651	29.662	29.671	29.678	29.686	29.689	29.692	29.691	29.698	29.710	29.721	29.745	29.759	29.768	29.780	29.788	29.801	29.688
12-16	29.470	29.475	29.476	29.470	29.464	29.463	29.467	29.473	29.484	29.487	29.492	29.486	29.490	29.488	29.481	29.471	29.471	29.469	29.472	29.476	29.478	29.480	29.478	29.478	29.477	29.477
17-21	29.597	29.581	29.572	29.557	29.545	29.542	29.545	29.549	29.553	29.556	29.562	29.564	29.562	29.563	29.553	29.549	29.542	29.541	29.544	29.549	29.555	29.558	29.559	29.560	29.555	29.557
22-26	30.160	30.158	30.155	30.156	30.160	30.164	30.169	30.176	30.189	30.196	30.203	30.204	30.211	30.210	30.207	30.201	30.200	30.196	30.197	30.200	30.206	30.208	30.207	30.203	30.202	30.190
27-31	30.333	30.332	30.310	30.306	30.299	30.299	30.302	30.303	30.309	30.314	30.319	30.319	30.325	30.318	30.313	30.312	30.308	30.305	30.310	30.314	30.316	30.313	30.312	30.306	30.298	30.311
April	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.
1-5	29.920	29.917	29.910	29.898	29.891	29.886	29.876	29.872	29.866	29.854	29.852	29.848	29.840	29.828	29.810	29.797	29.783	29.789	29.796	29.798	29.805	29.801	29.794	29.788	29.841	
6-10	29.400	29.401	29.401	29.400	29.397	29.397	29.405	29.413	29.421	29.421	29.423	29.421	29.416	29.409	29.405	29.395	29.385	29.384	29.383	29.389	29.402	29.407	29.404	29.403	29.404	
11-15	29.803	29.802	29.801	29.800	29.800	29.801	29.811	29.822	29.832	29.846	29.846	29.850	29.855	29.856	29.854	29.854	29.856	29.859	29.863	29.873	29.888	29.900	29.904	29.909	29.911	
16-20	30.083	30.085	30.083	30.088	30.088	30.089	30.092	30.096	30.098	30.095	30.101	30.098	30.096	30.087	30.079	30.064	30.055	30.042	30.032	30.033	30.018	30.012	30.001	29.997	29.996	
21-25	29.777	29.770	29.765	29.763	29.763	29.765	29.772	29.783	29.793	29.800	29.808	29.810	29.813	29.810	29.810	29.809	29.810	29.811	29.819	29.824	29.832	29.836	29.836	29.839	29.862	
26-30	29.655	29.634	29.608	29.592	29.580	29.579	29.580	29.588	29.595	29.595	29.596	29.597	29.589	29.584	29.579	29.567	29.560	29.552	29.548	29.552	29.553	29.553	29.553	29.546	29.536	29.579
May	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.
1-5	29.546	29.544	29.540	29.530	29.526	29.528	29.535	29.544	29.552	29.563	29.572	29.584	29.596	29.606	29.619	29.624	29.624	29.624	29.624	29.624	29.624	29.624	29.624	29.624	29.624	29.597
6-10	29.670	29.660	29.649	29.636	29.622	29.622	29.627	29.633	29.641	29.648	29.653	29.659	29.656	29.662	29.663	29.663	29.659	29.658	29.653	29.646	29.644	29.647	29.638	29.630	29.621	29.646
11-15	29.856	29.852	29.849	29.844	29.842	29.842	29.848	29.856	29.861	29.865	29.870	29.876	29.879	29.879	29.884	29.886	29.881	29.880	29.883	29.885	29.892	29.896	29.900	29.904	29.901	29.872
16-20	29.931	29.925	29.919	29.915	29.908	29.913	29.917	29.920	29.925	29.927	29.933	29.935	29.942	29.942	29.948	29.952	29.951	29.950	29.953	29.955	29.958	29.967	29.969	29.964	29.961	29.939
21-25	29.866	29.861	29.854	29.845	29.833	29.833	29.836	29.837	29.845	29.848	29.846	29.844	29.840	29.834	29.832	29.824	29.818	29.813	29.808	29.806	29.803	29.803	29.794	29.790	29.782	29.828
26-30	29.616	29.606	29.597	29.583	29.576	29.572	29.573	29.575	29.575	29.575	29.571	29.575	29.576	29.579	29.581	29.580	29.581	29.583	29.583	29.583	29.592	29.596	29.590	29.586	29.593	29.585
June	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.
31-4	29.584	29.589	29.593	29.593	29.591	29.596	29.604	29.614	29.619	29.623	29.631	29.630	29.632	29.637	29.649	29.659	29.671	29.682	29.695	29.706	29.717	29.731	29.740	29.744	29.746	29.651
5-9	30.213	30.209	30.202	30.195	30.188	30.186	30.186	30.186	30.189	30.190	30.189	30.184	30.175	30.172	30.164	30.154	30.145	30.137	30.135	30.135	30.137	30.141	30.143	30.137	30.134	30.164
10-14	29.926	29.923	29.920	29.915	29.909	29.905	29.907	29.907	29.908	29.906	29.906	29.904	29.905	29.906	29.904	29.897	29.890	29.898	29.901	29.921	29.909	29.914	29.921	29.910	29.919	29.909
15-19	30.120	30.116	30.117	30.112	30.113	30.118	30.124	30.126	30.131	30.131	30.134	30.135	30.139	30.139	30.141	30.139	30.136	30.134	30.137	30.141	30.146	30.152	30.160	30.160	30.157	30.134
20-24	30.079	30.073	30.067	30.060	30.058	30.056	30.057	30.058	30.063	30.066	30.069	30.068	30.068	30.068	30.064	30.048	30.046	30.044	30.045	30.047	30.055	30.060	30.070	30.069	30.066	30.058
25-29	30.130	30.124	30.123	30.121	30.123	30.124	30.128	30.137	30.144	30.149	30.158	30.159	30.164	30.165	30.163	30.159	30.157	30.155	30.157	30.157	30.160	30.165	30.170	30.181	30.184	30.151

TABLE I.—HOURLY and DAILY MEANS OF PRESSURE for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.	A.M.												Noon.				P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.
		0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.						
1889. July 30-4	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	July 30-4			
" 5-9	30' 333	30' 332	30' 330	30' 328	30' 326	30' 324	30' 322	30' 320	30' 318	30' 316	30' 314	30' 312	30' 310	30' 308	30' 306	30' 304	30' 302	30' 300	29' 998	29' 996	29' 994	29' 992	29' 990	29' 988	29' 986	29' 984	29' 982	" 5-9				
" 10-14	29' 949	29' 947	29' 945	29' 943	29' 941	29' 939	29' 937	29' 935	29' 933	29' 931	29' 929	29' 927	29' 925	29' 923	29' 921	29' 919	29' 917	29' 915	29' 913	29' 911	29' 909	29' 907	29' 905	29' 903	29' 901	29' 899	29' 897	" 10-14				
" 15-19	29' 862	29' 860	29' 858	29' 856	29' 854	29' 852	29' 850	29' 848	29' 846	29' 844	29' 842	29' 840	29' 838	29' 836	29' 834	29' 832	29' 830	29' 828	29' 826	29' 824	29' 822	29' 820	29' 818	29' 816	29' 814	29' 812	29' 810	" 15-19				
" 20-24	29' 716	29' 715	29' 713	29' 711	29' 709	29' 707	29' 705	29' 703	29' 701	29' 699	29' 697	29' 695	29' 693	29' 691	29' 689	29' 687	29' 685	29' 683	29' 681	29' 679	29' 677	29' 675	29' 673	29' 671	29' 669	29' 667	29' 665	" 20-24				
" 25-29	29' 972	29' 970	29' 968	29' 966	29' 964	29' 962	29' 960	29' 958	29' 956	29' 954	29' 952	29' 950	29' 948	29' 946	29' 944	29' 942	29' 940	29' 938	29' 936	29' 934	29' 932	29' 930	29' 928	29' 926	29' 924	29' 922	29' 920	" 25-29				
Aug. 30-3	29' 839	29' 837	29' 835	29' 833	29' 831	29' 829	29' 827	29' 825	29' 823	29' 821	29' 819	29' 817	29' 815	29' 813	29' 811	29' 809	29' 807	29' 805	29' 803	29' 801	29' 799	29' 797	29' 795	29' 793	29' 791	29' 789	29' 787	Aug. 30-3				
" 4-8	29' 881	29' 879	29' 877	29' 875	29' 873	29' 871	29' 869	29' 867	29' 865	29' 863	29' 861	29' 859	29' 857	29' 855	29' 853	29' 851	29' 849	29' 847	29' 845	29' 843	29' 841	29' 839	29' 837	29' 835	29' 833	29' 831	29' 829	" 4-8				
" 9-13	29' 881	29' 879	29' 877	29' 875	29' 873	29' 871	29' 869	29' 867	29' 865	29' 863	29' 861	29' 859	29' 857	29' 855	29' 853	29' 851	29' 849	29' 847	29' 845	29' 843	29' 841	29' 839	29' 837	29' 835	29' 833	29' 831	29' 829	" 9-13				
" 14-18	29' 644	29' 642	29' 640	29' 638	29' 636	29' 634	29' 632	29' 630	29' 628	29' 626	29' 624	29' 622	29' 620	29' 618	29' 616	29' 614	29' 612	29' 610	29' 608	29' 606	29' 604	29' 602	29' 600	29' 598	29' 596	29' 594	29' 592	" 14-18				
" 19-23	30' 005	30' 003	30' 001	29' 999	29' 997	29' 995	29' 993	29' 991	29' 989	29' 987	29' 985	29' 983	29' 981	29' 979	29' 977	29' 975	29' 973	29' 971	29' 969	29' 967	29' 965	29' 963	29' 961	29' 959	29' 957	29' 955	29' 953	" 19-23				
" 24-28	30' 075	30' 073	30' 071	30' 069	30' 067	30' 065	30' 063	30' 061	30' 059	30' 057	30' 055	30' 053	30' 051	30' 049	30' 047	30' 045	30' 043	30' 041	30' 039	30' 037	30' 035	30' 033	30' 031	30' 029	30' 027	30' 025	30' 023	" 24-28				
Sept. 29-2	30' 123	30' 121	30' 119	30' 117	30' 115	30' 113	30' 111	30' 109	30' 107	30' 105	30' 103	30' 101	30' 099	30' 097	30' 095	30' 093	30' 091	30' 089	30' 087	30' 085	30' 083	30' 081	30' 079	30' 077	30' 075	30' 073	30' 071	Sept. 29-2				
" 3-7	29' 972	29' 970	29' 968	29' 966	29' 964	29' 962	29' 960	29' 958	29' 956	29' 954	29' 952	29' 950	29' 948	29' 946	29' 944	29' 942	29' 940	29' 938	29' 936	29' 934	29' 932	29' 930	29' 928	29' 926	29' 924	29' 922	29' 920	" 3-7				
" 8-12	29' 263	29' 261	29' 259	29' 257	29' 255	29' 253	29' 251	29' 249	29' 247	29' 245	29' 243	29' 241	29' 239	29' 237	29' 235	29' 233	29' 231	29' 229	29' 227	29' 225	29' 223	29' 221	29' 219	29' 217	29' 215	29' 213	29' 211	" 8-12				
" 13-17	29' 899	29' 897	29' 895	29' 893	29' 891	29' 889	29' 887	29' 885	29' 883	29' 881	29' 879	29' 877	29' 875	29' 873	29' 871	29' 869	29' 867	29' 865	29' 863	29' 861	29' 859	29' 857	29' 855	29' 853	29' 851	29' 849	29' 847	" 13-17				
" 18-22	29' 944	29' 942	29' 940	29' 938	29' 936	29' 934	29' 932	29' 930	29' 928	29' 926	29' 924	29' 922	29' 920	29' 918	29' 916	29' 914	29' 912	29' 910	29' 908	29' 906	29' 904	29' 902	29' 900	29' 898	29' 896	29' 894	29' 892	" 18-22				
" 23-27	30' 118	30' 116	30' 114	30' 112	30' 110	30' 108	30' 106	30' 104	30' 102	30' 100	29' 998	29' 996	29' 994	29' 992	29' 990	29' 988	29' 986	29' 984	29' 982	29' 980	29' 978	29' 976	29' 974	29' 972	29' 970	29' 968	29' 966	" 23-27				
Oct. 28-2	29' 704	29' 702	29' 700	29' 698	29' 696	29' 694	29' 692	29' 690	29' 688	29' 686	29' 684	29' 682	29' 680	29' 678	29' 676	29' 674	29' 672	29' 670	29' 668	29' 666	29' 664	29' 662	29' 660	29' 658	29' 656	29' 654	29' 652	Oct. 28-2				
" 3-7	29' 382	29' 380	29' 378	29' 376	29' 374	29' 372	29' 370	29' 368	29' 366	29' 364	29' 362	29' 360	29' 358	29' 356	29' 354	29' 352	29' 350	29' 348	29' 346	29' 344	29' 342	29' 340	29' 338	29' 336	29' 334	29' 332	29' 330	" 3-7				
" 8-12	29' 783	29' 781	29' 779	29' 777	29' 775	29' 773	29' 771	29' 769	29' 767	29' 765	29' 763	29' 761	29' 759	29' 757	29' 755	29' 753	29' 751	29' 749	29' 747	29' 745	29' 743	29' 741	29' 739	29' 737	29' 735	29' 733	29' 731	" 8-12				
" 13-17	29' 207	29' 205	29' 203	29' 201	29' 199	29' 197	29' 195	29' 193	29' 191	29' 189	29' 187	29' 185	29' 183	29' 181	29' 179	29' 177	29' 175	29' 173	29' 171	29' 169	29' 167	29' 165	29' 163	29' 161	29' 159	29' 157	29' 155	" 13-17				
" 18-22	30' 063	30' 061	30' 059	30' 057	30' 055	30' 053	30' 051	30' 049	30' 047	30' 045	30' 043	30' 041	30' 039	30' 037	30' 035	30' 033	30' 031	30' 029	30' 027	30' 025	30' 023	30' 021	30' 019	30' 017	30' 015	30' 013	30' 011	" 18-22				
" 23-27	29' 736	29' 734	29' 732	29' 730	29' 728	29' 726	29' 724	29' 722	29' 720	29' 718	29' 716	29' 714	29' 712	29' 710	29' 708	29' 706	29' 704	29' 702	29' 700	29' 698	29' 696	29' 694	29' 692	29' 690	29' 688	29' 686	29' 684	" 23-27				
Nov. 28-1	29' 943	29' 941	29' 939	29' 937	29' 935	29' 933	29' 931	29' 929	29' 927	29' 925	29' 923	29' 921	29' 919	29' 917	29' 915	29' 913	29' 911	29' 909	29' 907	29' 905	29' 903	29' 901	29' 899	29' 897	29' 895	29' 893	29' 891	Nov. 28-1				
" 2-6	29' 943	29' 941	29' 939	29' 937	29' 935	29' 933	29' 931	29' 929	29' 927	29' 925	29' 923	29' 921	29' 919	29' 917	29' 915	29' 913	29' 911	29' 909	29' 907	29' 905	29' 903	29' 901	29' 899	29' 897	29' 895	29' 893	29' 891	" 2-6				
" 7-11	29' 450	29' 448	29' 446	29' 444	29' 442	29' 440	29' 438	29' 436	29' 434	29' 432	29' 430	29' 428	29' 426	29' 424	29' 422	29' 420	29' 418	29' 416	29' 414	29' 412	29' 410	29' 408	29' 406	29' 404	29' 402	29' 400	29' 398	" 7-11				
" 12-16	30' 207	30' 205	30' 203	30' 201	30' 199	30' 197	30' 195	30' 193	30' 191	30' 189	30' 187	30' 185	30' 183	30' 181	30' 179	30' 177	30' 175	30' 173	30' 171	30' 169	30' 167	30' 165	30' 163	30' 161	30' 159	30' 157	30' 155	" 12-16				
" 17-21	30' 381	30' 379	30' 377	30' 375	30' 373	30' 371	30' 369	30' 367	30' 365	30' 363	30' 361	30' 359	30' 357	30' 355	30' 353	30' 351	30' 349	30' 347	30' 345	30' 343	30' 341	30' 339	30' 337	30' 335	30' 333	30' 331	30					

TABLE II.

HOURLY and DAILY MEANS of TEMPERATURE for FIVE-DAY PERIODS.

VALENCIA OBSERVATORY

LAT. 51° 55' N. LONG. 10° 18' W.
 Dry-bulb Thermometer, 12 feet above Ground.

Five-day Periods.	A.M.												P.M.								Midt.	Daily Means (Five Days).	Five-day Periods.				
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.				20.	21.	22.	23.
1889. 1-5 Jan.	41.8	41.7	41.3	41.3	41.1	41.8	41.3	41.9	42.3	41.8	42.1	43.3	44.0	45.5	45.7	46.2	45.3	44.2	43.5	43.4	43.1	42.5	42.4	42.5	42.2	42.9	1889. 1-5 Jan.
" 6-10 "	45.1	45.3	45.3	45.3	45.2	45.8	45.4	45.4	45.3	45.6	46.1	45.9	46.2	46.5	45.7	46.3	45.7	44.8	44.6	44.5	44.3	43.3	44.3	44.7	44.5	45.3	" 6-10 "
" 11-15 "	42.1	42.3	42.1	42.3	42.7	42.9	42.9	43.2	43.5	44.5	44.7	45.7	45.9	46.1	46.8	46.7	46.0	44.5	43.8	43.4	43.6	43.3	43.7	43.6	44.0	44.0	" 11-15 "
" 16-20 "	46.6	46.4	46.1	46.3	45.9	46.8	47.0	47.1	47.1	47.1	47.8	49.2	49.6	49.7	49.5	49.4	48.9	48.4	48.2	48.1	47.7	47.3	47.4	47.1	46.6	47.7	" 16-20 "
" 21-25 "	43.6	43.8	43.4	43.3	43.4	43.3	43.5	43.3	43.0	43.6	44.1	44.9	45.5	46.8	46.4	46.8	46.2	45.5	44.9	44.4	44.2	43.9	43.9	43.3	44.4	44.4	" 21-25 "
" 26-30 "	47.2	47.8	47.7	47.9	48.0	48.1	48.1	47.8	47.4	47.7	48.3	48.8	48.7	49.1	49.6	49.1	48.8	48.4	47.7	48.1	47.8	47.7	47.4	47.6	47.7	48.1	" 26-30 "
Feb. 31-4	44.8	45.3	45.2	44.9	44.9	45.1	44.2	44.4	44.0	44.9	45.8	46.3	46.1	46.3	45.8	46.1	45.8	45.6	45.1	44.7	44.5	44.6	43.7	42.7	43.2	45.0	Feb. 31-4
" 5-9 "	45.0	44.9	45.1	45.3	45.6	45.4	45.4	46.1	46.0	46.5	46.0	46.6	46.7	47.0	46.5	46.5	45.6	44.9	44.7	44.7	44.4	44.9	44.3	44.7	44.3	45.5	" 5-9 "
" 10-14 "	43.0	42.3	42.2	42.2	42.1	42.2	42.3	42.8	42.1	42.8	44.1	45.7	45.8	46.1	46.2	45.9	45.8	45.0	44.3	43.9	44.3	44.7	44.4	44.3	44.3	44.0	" 10-14 "
" 15-19 "	48.3	48.0	47.6	48.2	48.6	48.8	48.7	48.7	48.5	48.8	48.9	49.5	49.9	50.4	50.4	50.2	49.5	49.6	48.5	47.8	48.3	48.5	48.9	49.4	49.4	48.9	" 15-19 "
" 20-24 "	44.5	44.4	44.4	43.9	43.7	43.6	43.1	43.4	43.2	44.2	45.3	46.4	47.0	47.8	47.2	47.2	46.9	46.1	45.2	43.9	43.4	43.0	42.6	42.1	41.7	44.6	" 20-24 "
" 25-1 "	36.8	36.6	37.0	36.9	36.0	35.8	35.5	35.8	35.5	36.7	38.4	40.5	41.4	41.7	42.0	43.0	42.7	42.1	40.2	38.7	38.4	38.1	37.6	37.1	36.9	38.5	" 25-1 "
March 2-6	38.4	37.8	37.9	37.9	37.5	38.3	37.8	37.6	37.6	39.4	41.4	44.2	45.1	44.8	45.0	46.1	46.2	45.7	43.9	42.4	40.8	41.2	40.8	39.9	39.4	41.1	March 2-6
" 7-11 "	39.2	39.3	38.8	38.5	37.1	37.4	37.2	37.4	37.3	40.0	42.5	44.7	45.3	46.5	47.1	47.1	47.0	46.7	45.6	43.7	42.8	43.1	41.5	40.3	40.4	41.8	" 7-11 "
" 12-16 "	47.3	47.2	46.6	46.6	46.6	46.3	45.5	45.6	45.6	47.1	47.8	49.4	50.3	50.6	50.4	50.3	49.9	49.3	48.7	47.9	47.6	47.5	47.5	47.3	47.9	47.9	" 12-16 "
" 17-21 "	44.9	44.8	44.4	43.9	44.0	43.8	43.3	43.3	43.8	43.9	44.0	45.5	46.6	47.3	47.5	47.4	46.8	46.7	46.3	45.2	44.7	44.2	43.9	43.7	43.5	44.9	" 17-21 "
" 22-26 "	47.6	47.0	47.2	46.9	46.7	46.4	46.1	46.1	46.0	47.3	48.2	49.3	49.8	49.9	50.2	49.9	50.0	49.6	49.0	48.4	48.1	48.0	48.1	48.2	48.0	48.1	" 22-26 "
" 27-31 "	47.5	47.5	47.9	47.7	47.7	47.6	47.5	47.5	48.1	49.0	49.6	50.7	50.6	51.6	51.7	51.2	51.5	50.7	50.1	49.1	48.9	48.7	48.3	48.7	48.5	49.1	" 27-31 "
April 1-5	46.7	46.7	47.0	47.1	47.0	46.9	47.0	47.1	47.6	48.7	48.5	49.1	50.0	50.1	50.3	50.1	49.6	49.2	48.5	47.5	46.3	46.4	45.8	45.0	45.0	47.7	April 1-5
" 6-10 "	41.2	41.0	40.6	40.6	39.0	39.1	38.3	39.4	41.6	44.5	45.7	47.9	48.4	49.5	50.3	50.6	51.7	50.0	48.9	47.0	44.8	43.5	43.1	42.9	42.0	44.5	" 6-10 "
" 11-15 "	43.0	42.6	42.1	41.6	41.4	40.7	40.6	41.6	43.0	44.6	45.7	46.9	47.3	48.0	48.9	49.0	49.2	49.1	48.4	47.0	45.6	45.0	44.2	43.9	43.1	44.9	" 11-15 "
" 16-20 "	46.1	46.1	46.5	46.5	46.3	46.2	46.7	47.4	47.9	48.9	49.4	50.1	50.7	51.0	51.3	51.1	51.0	50.6	50.1	49.6	48.4	47.8	47.9	47.1	46.3	48.4	" 16-20 "
" 21-25 "	46.2	46.9	47.0	46.9	46.2	45.5	45.9	45.8	46.3	47.0	48.1	49.4	50.1	50.5	50.5	49.8	50.9	50.1	49.1	48.4	47.9	48.2	47.7	47.2	46.5	47.9	" 21-25 "
" 26-30 "	44.3	44.4	44.1	43.8	44.4	43.9	43.9	45.4	45.6	47.0	47.9	47.6	49.0	49.2	49.2	49.3	48.8	49.5	48.5	47.5	46.2	46.1	45.2	44.9	44.0	46.4	" 26-30 "
May 1-5	48.3	47.5	47.5	47.1	46.6	47.1	47.6	48.3	48.9	49.9	51.0	52.0	52.3	52.6	52.6	52.5	52.1	51.9	51.3	50.8	49.3	49.3	49.3	49.0	48.8	49.7	May 1-5
" 6-10 "	49.4	49.5	48.7	48.8	48.4	48.5	48.8	49.6	49.9	50.5	50.9	51.6	52.4	52.8	52.7	53.1	52.9	52.4	51.3	50.8	50.4	49.3	50.0	50.2	49.9	50.9	" 6-10 "
" 11-15 "	48.6	48.6	48.4	48.2	47.5	47.2	47.8	49.2	51.1	52.3	53.0	53.7	54.3	54.0	53.8	55.1	54.4	54.8	54.1	53.1	52.4	51.2	50.4	49.5	48.6	51.0	" 11-15 "
" 16-20 "	50.8	50.7	50.8	50.7	50.9	51.2	51.4	52.1	52.7	53.6	54.3	55.0	55.6	56.1	55.7	55.8	55.6	56.0	55.5	54.8	53.6	52.6	52.0	51.7	51.4	53.2	" 16-20 "
" 21-25 "	52.8	52.1	51.8	51.7	51.7	51.5	51.8	52.9	53.4	54.1	54.3	55.3	56.1	56.8	56.4	57.0	56.7	56.4	55.5	54.8	53.8	53.2	53.0	52.8	52.5	53.9	" 21-25 "
" 26-30 "	50.9	51.2	51.3	50.9	50.3	50.2	50.8	51.4	52.6	53.6	53.7	55.6	54.7	55.3	55.2	56.1	56.1	55.6	54.3	53.2	52.0	52.0	52.0	51.2	50.8	52.9	" 26-30 "
June 31-4	52.7	52.7	52.4	52.2	52.1	52.0	52.4	53.6	54.0	54.2	55.0	55.1	54.8	56.3	56.9	57.5	57.5	56.7	56.1	55.5	54.4	53.9	53.1	53.3	52.9	54.3	June 31-4
" 5-9 "	51.9	51.8	51.4	51.3	51.2	51.3	52.0	53.9	55.4	56.4	57.1	57.6	58.4	59.0	58.1	58.4	58.5	58.1	56.8	56.5	54.9	53.2	52.4	52.3	52.1	54.8	" 5-9 "
" 10-14 "	52.2	51.8	51.0	50.4	50.3	50.3	51.1	52.6	53.8	55.4	56.3	56.6	57.2	57.5	58.1	57.6	57.7	57.7	57.0	56.4	56.5	53.9	53.0	52.9	52.3	54.4	" 10-14 "
" 15-19 "	53.5	52.9	52.6	53.0	52.5	53.1	53.8	55.0	56.7	58.3	61.0	61.8	62.5	63.1	62.6	63.0	63.2	62.1	61.8	61.2	59.2	56.7	55.4	54.9	54.4	57.8	" 15-19 "
" 20-24 "	50.7	50.2	50.9	50.5	50.4	50.7	50.1	50.8	50.9	51.3	51.8	52.5	53.2	53.7	54.1	54.4	54.4	53.2	52.5	51.8	50.8	50.8	50.8	50.8	50.8	50.8	" 20-24 "
" 25-29 "	55.9	55.8	55.8	55.4	55.4	55.2	55.3	56.8	58.1	60.0	60.9	61.8	62.2	62.6	63.2	63.2	62.8	62.8	62.2	62.0	60.6	57.4	56.5	55.6	55.3	58.8	" 25-29 "

TABLE II.—HOURLY and DAILY MEANS OF TEMPERATURE for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midl.	A.M.												P.M.												Midl.	Daily Means (Five Days).	Five-day Periods.	
		0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.				
1889. July 30-4	56.3	56.4	56.0	55.1	54.6	54.9	56.0	57.9	59.7	61.7	63.1	64.8	65.3	66.7	66.7	67.1	67.4	65.9	65.5	65.3	63.8	62.1	62.1	59.5	57.5	57.2	56.1	60.6	1889. July 30-4
" 5-9	55.9	56.1	55.6	54.5	53.8	53.3	54.5	56.2	57.9	59.8	60.6	62.3	62.4	62.4	62.6	62.8	62.9	62.0	63.2	62.5	60.9	59.4	57.3	55.7	55.4	54.9	58.5	" 5-9	
" 10-14	53.6	53.0	53.2	52.0	51.3	52.0	52.9	55.4	57.9	59.6	60.2	61.1	61.8	61.4	61.2	61.2	61.2	61.9	62.0	61.9	60.9	60.3	57.9	56.1	54.8	53.5	57.5	" 10-14	
" 15-19	53.6	53.0	53.4	53.2	53.1	53.2	53.9	55.4	57.1	57.8	58.8	60.1	60.7	61.1	60.8	61.2	61.0	60.5	60.0	59.2	57.5	55.5	55.1	54.1	54.1	56.9	" 15-19		
" 20-24	54.8	55.5	55.7	55.8	55.7	55.3	56.3	56.4	57.1	58.0	59.1	60.5	61.1	61.1	61.2	61.2	60.6	60.8	60.4	59.6	58.7	58.2	57.2	57.0	56.8	56.8	" 20-24		
" 25-29	56.0	55.5	55.3	55.4	55.6	56.1	56.3	56.9	57.2	58.9	59.1	60.5	61.1	61.1	61.2	61.2	60.6	60.8	60.4	59.6	58.7	58.2	57.2	57.0	56.8	56.8	" 25-29		
Aug. 30-3	59.8	59.5	59.4	59.7	59.5	59.1	58.8	58.5	59.4	60.0	60.8	62.5	62.7	62.7	63.2	62.5	63.3	63.4	63.1	61.8	60.9	60.3	60.0	59.5	59.5	59.4	60.7	Aug. 30-3	
" 4-8	56.5	56.1	55.6	55.5	55.4	56.1	55.9	56.8	57.5	58.4	58.7	59.9	59.7	60.1	60.0	59.9	59.7	58.4	59.2	58.3	58.3	57.0	56.5	56.2	56.3	56.1	57.5	" 4-8	
" 9-13	55.5	55.5	55.7	56.1	56.0	56.2	55.4	56.2	57.8	58.4	59.1	59.4	60.1	60.1	59.6	59.9	60.8	60.1	59.9	59.3	58.2	56.8	56.5	56.2	56.7	56.0	57.7	" 9-13	
" 14-18	57.9	58.1	57.1	57.0	57.2	57.3	57.6	58.0	58.9	59.4	59.7	60.4	61.0	61.0	61.4	61.3	61.2	60.9	60.5	59.3	58.5	58.5	58.0	57.6	57.9	57.6	58.9	" 14-18	
" 19-23	55.3	55.4	55.4	55.3	55.6	55.2	55.0	55.6	56.1	56.5	57.3	57.0	57.3	57.3	57.8	57.0	57.4	56.6	56.7	56.2	55.7	55.2	55.0	54.8	55.0	55.1	56.0	" 19-23	
" 24-28	55.1	54.7	54.2	54.5	55.0	55.2	54.8	55.4	55.8	57.2	57.9	58.0	58.8	58.8	59.2	59.5	59.3	58.9	58.6	57.7	56.9	56.3	56.1	55.6	55.2	55.5	56.6	" 24-28	
Sept. 29-2	56.7	56.0	55.7	55.1	55.2	55.1	55.1	55.1	55.7	57.7	59.1	60.2	62.1	62.1	62.9	63.0	62.7	62.6	62.5	61.4	59.6	58.3	58.2	57.8	57.4	56.8	58.5	Sept. 29-2	
" 3-7	58.4	58.6	58.4	58.5	58.5	58.4	58.3	58.3	58.5	58.9	59.6	60.4	62.0	62.1	63.2	63.7	63.9	63.0	62.6	61.3	60.2	59.5	59.2	58.8	58.6	58.7	60.1	" 3-7	
" 8-12	59.5	59.6	59.5	59.7	59.8	60.0	59.9	60.4	60.7	62.1	63.1	63.9	65.4	63.8	63.8	63.4	63.4	62.7	61.6	60.9	60.6	60.3	59.8	59.3	59.0	59.4	61.1	" 8-12	
" 13-17	56.8	56.8	56.3	56.1	56.1	55.4	55.2	55.3	55.9	57.1	58.7	60.4	60.3	60.3	61.3	61.5	61.9	61.2	60.6	59.3	58.4	57.4	57.1	56.6	56.7	56.3	58.0	" 13-17	
" 18-22	54.7	54.1	54.1	53.6	53.0	53.4	53.2	53.0	53.8	55.8	54.6	55.5	56.3	56.3	57.5	57.1	57.2	56.7	55.7	54.8	54.1	54.1	53.8	53.9	53.7	53.5	54.6	" 18-22	
" 23-27	53.4	53.2	53.2	53.3	53.5	53.4	53.1	53.2	53.6	54.8	55.3	56.6	56.7	56.7	57.3	56.9	57.0	56.5	55.6	55.2	54.6	54.4	54.2	54.5	54.5	54.3	54.7	" 23-27	
Oct. 28-2	52.5	52.3	52.1	51.9	51.7	51.9	51.9	52.3	52.9	53.7	54.5	55.3	55.3	55.3	55.4	55.3	55.1	54.5	54.2	53.5	53.1	52.4	52.4	52.0	52.3	51.9	53.2	Oct. 28-2	
" 3-7	52.0	52.2	51.8	50.2	51.0	50.8	50.7	49.9	50.4	51.5	52.5	52.6	53.4	53.0	52.6	53.9	54.0	53.2	52.7	51.4	50.4	50.5	51.7	52.2	51.5	51.5	51.8	" 3-7	
" 8-12	47.8	47.1	47.0	47.4	48.2	47.8	48.1	47.9	48.6	48.6	50.4	52.2	53.0	53.0	52.3	52.7	53.2	52.2	51.8	50.0	49.7	48.6	48.7	48.3	47.9	49.5	" 8-12		
" 13-17	50.0	49.3	48.9	48.4	48.5	48.8	49.0	48.7	49.1	50.4	51.1	53.0	53.7	53.7	54.4	54.4	54.5	53.9	53.5	52.2	51.8	51.1	50.8	50.4	50.5	51.1	" 13-17		
" 18-22	47.9	48.1	48.3	47.7	48.0	48.1	47.8	47.7	47.7	47.0	48.2	49.4	51.4	51.3	51.7	53.1	52.4	50.9	50.9	50.1	48.9	49.1	48.6	48.0	47.8	47.0	49.2	" 18-22	
" 23-27	44.1	43.8	43.2	42.9	43.0	43.1	42.7	43.0	42.6	45.0	46.7	48.2	49.4	51.4	51.7	53.1	52.4	50.9	49.1	47.2	47.3	47.1	45.9	45.4	44.3	43.7	46.1	" 23-27	
Nov. 28-1	48.6	47.9	47.9	47.8	48.6	48.5	48.6	49.1	49.1	50.0	50.1	50.8	49.6	50.4	49.8	50.5	50.5	50.6	49.5	48.9	48.2	47.9	47.8	47.9	48.4	49.0	49.0	Nov. 28-1	
" 2-6	48.8	48.5	47.8	47.4	47.0	47.2	47.1	47.3	47.7	49.2	50.2	50.8	51.2	51.5	52.1	51.9	51.3	51.1	50.6	50.5	49.7	49.4	49.7	49.9	49.7	49.5	49.5	" 2-6	
" 7-11	50.7	50.3	50.2	50.4	50.1	50.3	50.4	50.4	50.4	51.1	51.5	52.2	52.5	52.6	52.2	52.2	51.8	51.7	51.4	51.4	51.0	50.7	50.6	50.6	50.3	51.1	51.1	" 7-11	
" 12-16	50.5	50.7	50.3	50.6	50.4	50.3	50.3	50.3	50.4	50.7	51.4	52.3	53.0	53.0	53.2	53.1	52.8	52.4	52.0	51.5	51.3	50.8	50.7	50.7	51.1	50.9	51.3	" 12-16	
" 17-21	51.5	51.4	51.4	51.4	51.3	51.3	51.2	51.0	50.7	51.2	51.8	52.3	52.3	52.3	52.7	52.8	52.8	52.1	51.7	51.9	51.8	51.9	51.8	51.7	52.0	51.8	51.8	" 17-21	
" 22-26	48.5	48.7	48.2	48.0	46.7	46.9	46.3	46.7	45.9	46.7	47.5	47.7	48.7	48.7	48.1	49.0	48.6	47.7	47.3	46.7	46.9	46.2	45.5	45.7	44.9	47.2	" 22-26		
Dec. 27-1	42.9	43.8	43.9	44.0	44.1	43.7	43.2	43.5	43.3	43.9	44.1	45.9	46.0	46.0	46.3	47.2	46.9	46.5	46.4	46.0	45.9	45.5	45.8	45.5	46.1	45.8	45.1	Dec. 27-1	
" 2-6	45.8	45.7	45.9	45.9	46.0	46.0	46.1	46.0	46.0	46.1	46.3	46.6	47.1	47.3	47.4	47.2	47.2	46.9	46.9	46.5	46.4	45.8	45.9	45.6	45.3	45.2	46.2	" 2-6	
" 7-11	46.8	46.6	46.0	46.7	46.1	46.4	45.7	46.3	46.0	46.1	46.5	46.9	47.0	47.0	47.3	47.1	47.3	46.6	46.4	46.3	46.0	45.5	45.4	44.4	44.3	46.1	46.1	" 7-11	
" 12-16	43.7	43.2	43.2	42.5	42.3	42.4	43.6	42.7	43.6	44.0	45.6	47.0	47.7	48.1	48.1	48.5	48.8	48.8	48.2	48.5	49.0	48.4	48.0	48.0	47.7	47.1	46.1	" 12-16	
" 17-21	48.1	47.8	47.5	47.7	47.7	47.8	48.0	48.2	47.3	48.1	47.7	48.2	48.8	48.8	48.9	48.6	48.1	48.2	48.6	48.3	47.6	47.8	48.3	48.0	48.1	47.8	48.1	" 17-21	
" 22-26	48.8	48.6	48.1	48.2	48.7	48.3	48.0	47.8	47.7	48.7	48.9	48.8	49.1	49.1	49.5	49.8	49.9	49.8	49.5	50.1	49.6	49.7	49.3	49.2	49.5	48.6	49.0	" 22-26	
" 27-31	47.8	47.9	47.9	47.8	47.6	47.3	47.3	47.3	47.1	46.8	47.0	47.2	47.8	48.0	47.6	48.0	48.1	47.5	47.2	47.0	47.2	46.8	46.3	46.0	46.0	45.8	47.2	" 27-31	

TABLE III.

HOURLY and DAILY MEAN DIFFERENCE between the DRY and WET-BULB THERMOMETERS for FIVE-DAY PERIODS.

VALENCIA OBSERVATORY

- - - LAT. 51° 55' N. LONG. 10° 18' W.

Five-day Periods.	A.M.												P.M.												Midt. Daily Means (Five Days).	Five-day Periods.
	Noon.												Midt.													
0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
1889. Jan. 1-5	1.4	1.4	1.4	1.3	1.5	1.5	1.6	1.7	1.6	1.6	1.7	2.1	2.3	2.4	2.7	2.4	2.2	1.8	1.9	1.9	1.7	1.8	1.6	1.4	1.7	
" 6-10	1.6	1.7	2.2	2.3	1.8	1.8	1.5	1.2	1.4	1.5	1.8	2.0	2.2	2.0	2.6	2.5	1.7	1.5	1.6	1.6	0.7	1.5	1.9	1.5	1.8	
" 11-15	1.2	1.1	0.9	0.8	1.1	1.2	1.1	0.9	1.0	1.2	1.0	1.2	1.1	1.2	1.5	1.8	1.5	1.3	1.2	1.2	1.0	1.2	1.4	1.2	1.2	
" 16-20	1.2	1.0	0.9	1.0	1.1	1.3	1.3	1.1	1.6	1.6	2.2	2.4	2.3	2.3	2.0	1.8	2.1	2.1	1.8	1.6	1.5	1.8	1.5	1.4	1.6	
" 21-25	0.8	0.6	0.5	0.9	0.8	1.0	1.1	1.0	1.0	1.2	1.4	1.4	1.7	1.3	1.5	1.2	0.9	0.7	0.7	0.8	0.8	0.9	1.1	0.8	1.0	
" 26-30	1.3	1.3	1.2	0.9	0.9	1.0	1.1	1.1	1.5	2.1	2.6	2.1	2.6	2.8	2.6	2.3	2.2	1.5	1.8	1.5	1.5	1.3	1.4	1.1	1.6	
Feb. 31-4	1.6	2.1	2.5	2.4	2.3	2.7	1.9	1.8	2.1	2.5	2.3	1.9	2.0	2.2	2.6	2.5	3.0	3.3	2.7	2.9	3.0	2.8	1.5	2.0	2.4	
" 5-9	2.6	2.4	2.6	2.4	2.4	2.0	1.5	1.6	1.2	1.5	1.2	2.4	3.0	2.9	2.9	2.5	2.3	2.2	2.2	2.4	2.9	2.6	2.9	2.8	2.2	
" 10-14	1.6	0.8	1.0	0.7	0.8	0.7	0.7	1.0	0.8	1.0	1.0	2.2	2.3	2.7	2.9	3.0	3.7	3.3	2.8	2.4	2.2	2.5	2.6	1.9	2.1	
" 15-19	1.4	0.8	0.6	0.7	0.6	0.7	0.9	0.6	1.1	1.3	1.6	1.7	1.9	2.1	2.0	1.6	1.9	1.4	0.9	1.4	1.0	0.9	0.9	0.6	1.1	
" 20-24	1.3	1.3	1.4	1.2	1.1	1.1	0.9	1.1	1.0	1.3	1.7	2.0	2.3	2.7	2.8	2.9	2.4	2.3	1.9	1.8	2.3	2.3	2.0	1.8	1.9	
" 25-1	1.3	1.2	1.3	1.3	1.2	1.4	1.1	1.2	1.3	1.7	2.6	2.9	3.3	3.2	3.5	3.6	3.4	2.6	2.3	2.1	1.8	1.8	1.6	1.5	2.2	
March 2-6	1.1	0.9	1.2	1.0	1.2	1.2	1.0	1.0	1.2	2.0	2.8	3.2	2.9	2.7	3.1	3.1	2.5	2.0	1.4	1.0	0.8	1.0	0.7	0.5	1.6	
" 7-11	1.3	1.7	1.6	1.5	1.2	1.3	1.2	0.9	1.7	2.2	3.1	3.4	3.7	4.7	4.4	4.5	4.1	3.8	3.2	2.5	2.1	1.8	1.5	1.9	2.4	
" 12-16	1.3	1.1	1.0	1.4	1.4	1.5	1.1	1.1	1.4	1.7	2.8	3.0	2.9	2.8	2.7	2.4	1.9	1.7	1.4	1.4	1.2	1.3	1.2	1.1	1.7	
" 17-21	2.4	2.4	2.0	1.7	2.0	1.9	2.0	1.9	2.0	2.1	2.2	2.7	2.8	3.0	3.1	2.9	2.6	3.1	3.2	2.9	2.6	2.2	2.8	2.7	2.8	2.4
" 22-26	2.3	1.7	2.1	2.1	1.9	2.0	2.0	1.9	2.2	2.7	3.0	3.2	3.1	3.3	3.1	3.4	2.7	2.9	2.2	2.3	1.8	2.0	2.1	2.0	2.4	
" 27-31	1.0	0.7	0.9	1.1	1.3	1.1	1.3	1.5	1.8	2.0	2.5	2.6	2.9	3.0	2.2	2.7	2.2	2.2	1.7	1.8	1.5	1.2	1.5	1.4	1.8	
April 1-5	2.6	1.8	2.0	2.4	2.2	2.0	2.3	2.6	2.8	2.7	2.7	3.4	3.4	3.4	2.6	2.9	3.2	3.3	2.7	2.4	2.7	2.1	2.0	2.0	2.5	
" 6-10	1.5	1.5	1.5	1.1	1.1	1.2	0.9	1.0	1.7	2.4	3.5	4.0	3.8	4.2	4.6	4.5	5.0	4.2	3.9	2.9	2.1	1.8	1.9	1.8	1.6	2.6
" 11-15	2.0	1.9	1.8	1.5	1.4	1.4	1.6	2.1	2.8	3.3	3.8	4.2	4.3	4.7	4.9	4.6	4.7	4.4	3.7	2.9	2.5	2.3	2.4	2.2	2.9	
" 16-20	1.8	1.8	2.1	2.1	2.0	1.9	2.0	2.1	2.5	2.9	2.8	3.4	3.6	3.5	3.7	3.1	3.2	3.1	2.8	2.6	2.1	1.7	1.3	1.4	2.4	
" 21-25	1.8	2.3	2.3	2.5	2.7	2.4	2.6	2.3	2.4	2.9	3.1	3.7	3.6	4.3	3.1	4.0	3.7	3.2	2.5	2.8	2.7	2.3	2.3	1.9	2.8	
" 26-30	1.6	1.8	2.0	1.3	1.4	1.1	1.0	1.6	1.7	2.1	2.6	2.6	3.2	3.1	3.1	3.0	3.2	3.0	2.3	1.9	2.2	1.8	1.8	1.7	2.2	
May 1-5	0.9	0.8	0.8	0.5	0.6	0.6	0.5	1.1	1.2	1.5	1.8	1.8	1.8	2.2	2.1	2.9	2.1	2.0	1.8	1.2	0.8	1.0	0.8	0.8	1.2	
" 6-10	0.8	0.8	0.9	1.0	0.8	0.9	1.0	1.0	1.1	1.6	1.6	2.1	2.2	2.2	2.1	2.4	2.9	2.8	2.8	2.2	1.5	1.0	0.8	0.9	0.9	1.5
" 11-15	1.1	1.0	1.0	1.1	1.2	1.2	1.2	1.7	2.5	3.0	3.0	3.3	3.3	3.1	3.2	3.1	3.4	3.1	2.5	1.9	1.4	1.4	1.2	1.2	2.0	
" 16-20	1.2	1.1	1.1	0.9	1.0	1.0	1.0	1.2	1.1	1.3	1.5	1.9	2.5	2.2	2.2	1.9	2.3	2.3	2.3	1.9	1.3	1.2	0.9	1.0	1.5	
" 21-25	1.6	1.5	1.5	1.4	1.7	1.6	1.7	1.9	2.1	2.5	3.2	3.3	3.8	3.6	3.7	3.9	3.6	3.5	3.1	2.7	2.2	1.9	1.7	1.6	1.6	2.4
" 26-30	1.2	1.5	1.3	1.2	1.3	1.4	1.6	1.8	2.2	2.5	2.2	3.3	3.2	3.2	3.4	3.5	3.8	3.3	2.8	2.7	2.2	1.6	1.7	1.7	1.4	2.2
June 31-4	2.5	2.4	2.5	2.3	2.6	2.5	2.4	2.7	2.8	2.7	2.8	3.0	2.6	3.0	3.8	4.4	4.5	4.2	3.6	3.3	2.8	2.4	2.6	2.5	2.5	3.0
" 5-9	2.8	2.5	2.7	2.7	2.8	3.1	3.2	3.9	4.6	4.8	4.9	4.8	5.0	5.0	4.4	4.9	4.7	4.4	4.1	4.2	3.8	3.2	3.3	3.1	3.2	3.8
" 10-14	2.3	2.0	2.0	2.2	2.2	2.0	1.9	2.3	2.5	3.6	4.2	4.0	4.2	4.5	4.5	4.5	4.5	4.3	3.9	3.8	4.0	2.7	2.4	2.1	2.0	3.2
" 15-19	1.7	1.8	1.7	1.7	1.7	1.8	1.7	2.0	2.5	3.0	3.4	3.7	4.0	4.1	4.5	4.5	4.9	4.7	4.8	4.4	3.5	2.6	2.2	1.9	1.7	3.0
" 20-24	1.6	1.7	1.5	1.5	1.4	1.5	1.4	1.8	2.3	3.1	4.4	3.8	4.8	5.4	5.4	4.9	4.9	4.8	4.6	4.8	3.2	3.0	2.3	2.2	2.1	3.1
" 25-29	2.5	2.3	2.7	2.4	2.4	2.1	2.0	2.2	3.1	4.0	4.7	4.7	5.1	5.3	5.7	5.5	5.6	5.5	4.9	4.1	3.4	2.8	3.0	2.1	2.5	3.6

TABLE III.—HOURLY and DAILY MEAN DIFFERENCE between the DRY and WET-BULB THERMOMETERS for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.	A.M.												P.M.												Daily Means (Five Days).	Five-day Periods.
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
1889. July 30-4	2.6	2.3	2.1	1.8	1.5	1.9	2.4	3.0	3.6	4.4	5.0	5.2	6.1	6.4	6.4	5.9	5.5	5.2	5.0	4.1	3.2	2.7	2.6	2.2	3.7	July 30-4	
" 5-9	2.8	2.4	2.2	2.1	1.9	2.2	3.0	3.7	4.9	5.0	6.2	5.8	6.4	6.5	6.2	5.6	6.3	6.1	5.3	4.6	3.9	3.1	2.9	3.0	4.2	" 5-9	
" 10-14	2.3	2.1	1.7	1.7	2.0	1.9	2.4	3.8	4.8	5.0	5.1	5.8	5.6	5.3	6.3	5.9	6.3	5.9	5.3	4.8	4.3	3.6	2.9	2.1	3.9	" 10-14	
" 15-19	3.1	3.0	3.0	3.7	3.7	3.9	4.0	5.1	5.2	6.0	6.6	6.7	6.8	6.6	6.4	6.5	6.3	5.8	5.8	5.1	3.9	3.5	2.9	4.8	" 15-19		
" 20-24	2.3	2.5	2.4	2.3	2.1	2.2	2.6	2.6	3.4	3.4	4.1	3.0	3.7	4.4	4.9	4.7	4.5	4.5	3.7	3.0	2.9	2.4	2.4	3.2	" 20-24		
" 25-29	2.7	2.3	2.3	2.4	2.0	1.9	2.0	2.2	2.7	2.9	3.6	4.0	3.4	3.4	3.2	3.6	3.5	3.4	3.1	2.8	2.4	2.5	2.3	2.8	" 25-29		
Aug. 30-3	2.0	1.7	2.0	2.3	2.0	1.8	2.0	2.3	2.3	3.1	3.6	4.1	4.5	4.2	4.8	4.7	4.2	3.2	2.9	2.4	2.2	2.1	2.0	2.9	Aug. 30-3		
" 4-8	2.6	2.7	2.8	2.2	2.7	2.7	2.9	3.3	3.9	4.2	4.2	4.1	4.2	4.2	3.9	3.2	3.8	3.2	3.2	2.6	2.5	2.3	2.4	3.1	" 4-8		
" 9-13	2.2	2.1	2.2	2.3	2.4	2.5	2.6	3.4	3.7	4.4	4.1	4.6	4.3	4.4	4.9	4.6	4.3	4.3	3.5	3.1	2.7	2.6	2.2	3.3	" 9-13		
" 14-18	1.7	2.0	1.9	1.5	1.7	1.8	1.7	1.8	1.8	2.0	2.2	2.4	2.9	2.9	2.7	2.7	2.7	2.1	2.3	2.2	1.8	1.7	1.8	2.1	" 14-18		
" 19-23	2.4	2.3	3.1	3.0	3.1	3.2	3.5	3.7	3.4	3.9	3.7	4.2	4.0	4.5	4.7	4.2	4.4	3.8	3.5	3.4	2.9	2.9	3.0	3.5	" 19-23		
" 24-28	3.8	3.3	3.1	3.4	3.7	3.5	3.3	3.7	4.1	4.3	4.2	4.3	4.6	4.4	4.6	4.2	4.3	4.2	3.6	3.3	3.4	3.1	3.2	3.7	" 24-28		
Sept. 29-2	2.3	1.8	1.6	1.6	1.6	1.5	1.3	1.3	1.9	2.6	2.6	3.8	3.8	3.9	4.2	4.3	4.4	4.0	3.1	2.7	2.6	2.4	2.2	2.6	Sept. 29-2		
" 3-7	1.4	1.7	1.5	1.7	1.5	1.6	1.5	1.7	1.8	2.0	2.9	3.0	3.9	4.3	4.6	4.1	3.9	3.4	2.9	2.4	2.3	2.1	1.7	2.4	" 3-7		
" 8-12	1.6	1.5	1.6	2.0	2.2	2.3	2.4	2.4	2.9	3.3	3.7	3.4	3.3	3.1	3.1	2.7	2.2	1.7	1.6	1.7	1.7	1.5	1.6	1.8	" 8-12		
" 13-17	2.2	2.5	2.4	2.3	2.0	2.1	2.2	2.6	2.9	3.9	4.3	4.3	4.9	4.8	4.9	4.5	4.1	3.6	3.4	2.6	2.3	2.2	2.1	1.9	" 13-17		
" 18-22	3.8	3.6	3.5	3.7	3.9	4.6	4.0	4.2	4.1	4.8	4.9	5.6	6.4	6.4	6.1	6.0	4.9	4.5	4.0	4.2	3.6	3.9	3.8	4.1	" 18-22		
" 23-27	2.8	2.9	2.8	2.6	2.4	2.5	2.1	2.6	2.7	3.1	3.3	3.3	3.6	3.8	4.0	3.6	3.1	2.8	2.5	2.4	1.6	2.3	2.6	2.8	" 23-27		
Oct. 28-2	3.2	2.8	2.8	2.7	3.1	3.1	3.4	3.9	3.9	4.1	4.3	4.5	4.8	5.0	4.9	4.7	3.5	3.6	3.8	3.5	3.8	3.4	3.7	4.0	Oct. 28-2		
" 3-7	3.2	3.4	4.0	2.7	3.8	3.7	3.9	3.3	3.6	4.2	4.1	4.7	4.8	5.2	5.0	4.8	4.7	3.9	3.3	3.0	3.4	3.8	3.4	3.8	" 3-7		
" 8-12	2.8	2.6	2.4	2.4	2.7	2.7	2.9	2.7	3.1	3.5	4.4	4.3	4.7	4.7	4.7	4.4	4.1	3.6	3.8	2.9	3.3	2.7	3.2	2.7	" 8-12		
" 13-17	2.0	1.9	1.9	1.8	2.0	2.0	1.9	1.9	2.0	2.2	2.7	3.5	3.8	3.7	3.6	3.2	2.9	2.4	2.3	2.5	2.1	2.0	2.0	1.8	" 13-17		
" 18-22	2.3	2.1	2.3	1.8	2.0	1.9	1.6	1.7	1.9	2.2	3.1	3.1	3.7	4.9	4.5	3.7	3.5	3.3	2.7	2.8	2.5	2.6	2.5	2.7	" 18-22		
" 23-27	2.4	2.3	2.1	2.2	2.1	2.1	2.2	1.9	2.6	3.4	3.9	4.8	5.0	4.9	4.6	4.2	3.9	3.0	3.2	3.4	3.1	3.1	2.8	2.9	" 23-27		
Nov. 28-1	2.7	3.0	3.2	2.8	3.3	3.1	2.9	3.1	3.4	3.2	3.4	2.8	3.4	2.9	3.6	3.3	3.4	3.2	3.0	2.6	2.3	2.6	2.8	2.5	Nov. 28-1		
" 2-6	3.1	2.8	2.3	1.9	1.7	1.8	1.7	1.7	1.6	2.1	2.3	2.4	2.7	2.7	2.5	2.5	2.5	2.4	2.9	2.3	2.4	2.6	2.7	2.4	" 2-6		
" 7-11	1.2	0.9	0.8	0.9	1.0	0.9	1.0	0.9	1.1	1.1	1.1	1.3	1.3	1.3	1.4	1.1	1.2	1.3	1.3	1.3	1.3	1.2	1.3	1.4	" 7-11		
" 12-16	2.1	2.2	2.0	2.0	1.9	2.0	2.2	2.3	2.3	2.6	2.8	3.1	3.1	3.1	2.9	2.7	2.4	2.0	2.0	1.7	1.7	1.8	2.2	2.3	" 12-16		
" 17-21	2.1	2.1	2.0	2.0	1.9	1.7	1.6	1.9	2.2	2.2	2.4	2.5	2.6	2.5	2.4	2.0	1.9	2.1	2.0	2.0	1.9	1.9	1.9	1.8	" 17-21		
" 22-26	2.6	2.5	2.5	2.5	1.8	2.0	1.8	2.0	1.5	1.9	2.2	2.3	1.8	2.4	2.0	2.0	2.7	2.5	3.2	2.6	2.8	2.4	2.5	2.6	" 22-26		
Dec. 27-1	1.2	1.5	1.7	1.8	1.4	1.1	1.3	1.3	1.4	1.1	1.8	1.5	1.9	3.0	2.7	2.5	2.3	2.1	1.9	1.6	1.5	1.4	1.5	1.5	Dec. 27-1		
" 2-6	2.6	2.5	2.5	2.4	2.5	2.7	2.6	2.6	2.7	2.8	2.9	3.3	3.2	3.2	3.2	3.0	2.9	3.0	2.7	2.4	2.0	1.8	2.2	2.3	" 2-6		
" 7-11	2.7	2.7	2.2	2.5	2.5	2.6	2.8	2.5	2.0	2.3	2.1	1.8	2.2	2.1	2.5	2.2	2.7	3.0	3.1	3.1	2.6	2.3	2.2	2.7	" 7-11		
" 12-16	1.8	1.5	1.3	1.2	1.1	1.4	1.1	1.2	1.5	1.5	1.9	1.9	1.8	1.8	1.8	1.9	1.8	1.8	2.2	1.6	1.3	1.6	1.9	1.7	" 12-16		
" 17-21	2.3	2.2	2.7	2.5	2.4	2.3	1.7	2.0	2.1	2.0	2.1	2.5	2.2	2.2	1.8	2.1	2.5	2.2	1.7	1.9	2.0	2.4	2.6	2.4	" 17-21		
" 22-26	1.8	2.1	2.0	2.0	3.1	2.7	2.4	2.3	2.7	3.0	2.8	3.2	2.9	3.1	3.0	3.0	2.6	3.1	2.6	2.9	2.3	2.1	2.2	2.1	" 22-26		
" 27-31	1.2	1.3	1.4	1.1	1.4	1.4	1.4	1.4	1.4	1.5	1.7	1.8	1.8	2.3	2.0	1.9	1.7	1.8	1.9	1.6	1.3	1.1	1.0	0.9	1.5	" 27-31	

TABLE IV.—MEAN HOURLY and DAILY WIND
VALENCIA OBSERVATORY

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1889.																								
Jan. 1-5	-3'8	+0'2	-4'4	+1'6	-4'3	-0'6	-4'1	+1'2	-4'8	+0'4	-3'4	+2'3	-5'8	+2'6	-5'9	+3'1	-5'7	+1'5	-7'4	+3'0	-5'7	+1'5	-7'6	+2'1
" 6-10	-4'0	+0'3	-5'5	-1'5	-5'1	+0'9	-6'7	-0'8	-11'2	+2'4	-8'6	+2'5	-8'1	+1'6	-10'6	0'0	-9'2	+1'2	-9'4	-0'1	-9'6	-1'7	-8'3	-5'2
" 11-15	-10'4	+2'6	-10'8	+0'6	-10'9	+5'6	-9'0	+8'4	-10'4	+9'2	-12'0	+8'3	-13'0	+6'1	-12'3	+5'6	-14'3	+6'4	-14'7	+4'1	-13'7	+0'2	-14'0	-3'2
" 16-20	-8'2	-4'1	-7'6	-3'8	-7'7	-5'7	+1'3	-7'0	-1'5	-6'7	-1'8	-6'0	-3'4	-6'4	-2'1	-9'3	-4'5	-7'5	-7'2	-8'4	-7'9	-8'8	-6'8	-10'4
" 21-25	+6'1	+1'3	+7'0	+0'8	+5'5	+1'3	+6'8	+1'2	+6'3	+0'5	+4'4	-0'1	+3'6	+1'5	+3'2	+1'6	+1'3	+1'3	+2'9	+0'6	+3'9	+1'9	+2'7	+1'4
" 26-30	-17'2	-5'0	-17'7	-6'2	-18'7	-10'2	-13'5	-13'0	-9'2	-14'2	-5'4	-12'2	-2'6	-8'0	-0'7	-11'3	-2'1	-7'9	-1'5	-7'8	-1'8	-7'8	-4'4	-7'1
Feb. 31-4	+6'9	-20'2	+9'9	-19'3	+10'7	-18'7	+10'0	-18'7	+12'1	-18'6	+10'6	-18'3	+11'4	-21'9	+13'0	-15'3	+11'0	-15'6	+7'9	-19'2	+10'3	-15'8	+9'6	-18'7
" 5-9	+7'8	-9'3	+7'9	-10'4	+8'5	-12'2	+7'1	-14'4	+7'1	-16'0	+5'1	-17'0	+8'3	-15'8	+9'3	-11'8	+10'1	-11'5	+14'2	-13'8	+17'5	-6'3	+19'5	-8'6
" 10-14	-2'1	-8'9	-4'2	-7'8	-3'7	-8'4	-4'3	-7'2	-4'9	-5'2	-2'6	-6'2	-4'1	-3'9	-0'9	+1'1	+1'3	-7'6	+5'9	-11'0	+6'2	-10'1	+6'8	-12'0
" 15-19	-11'2	-9'8	-11'2	-9'8	-9'9	-8'5	-10'0	-15'9	-8'4	-15'1	-7'0	-16'7	-6'4	-15'4	-4'8	-14'1	-5'8	-12'3	-6'4	-11'3	-5'4	-11'6	-5'9	-9'8
" 20-24	+5'2	-2'2	+5'4	-2'8	+5'0	-3'9	+5'3	-4'7	+7'5	-4'9	+5'3	-3'7	+4'4	-3'3	+6'5	-2'2	+7'0	-1'7	+7'4	-1'4	+8'8	-0'1	+9'4	+1'2
" 25-1	-0'8	+7'5	+1'2	+8'8	+2'8	+7'9	+0'1	+7'9	+0'8	+7'9	-1'3	+3'9	+1'9	+4'3	+0'9	+4'2	-0'3	+5'6	-1'4	+10'2	-2'4	+8'8	-4'3	+9'6
March 2-6	-5'0	+4'1	-6'3	+4'7	-6'7	+4'3	-3'3	+1'9	-3'3	+1'6	-5'1	+1'7	-3'7	+0'4	-4'1	+1'1	-5'2	+3'4	-5'9	+6'2	-5'7	+2'7	-8'8	+3'4
" 7-11	+6'2	+0'6	+5'9	+0'2	+5'6	+1'1	+6'9	+1'6	+5'9	+1'5	+5'4	+2'0	+4'3	+2'5	+4'3	+3'8	+5'9	+1'0	+6'4	+2'3	+7'9	+2'3	+10'4	-0'6
" 12-16	+3'1	-2'9	+3'2	-2'9	+2'6	-4'9	+4'5	-5'4	+3'8	-6'7	+4'2	-8'1	+4'8	-6'7	+4'8	-4'5	+4'0	-4'2	+5'5	-7'4	+3'4	-6'1	+4'1	-7'4
" 17-21	-4'8	-1'0	-5'0	-0'8	-1'3	+4'8	-2'3	+2'3	-1'3	+5'4	-1'6	+6'3	-2'2	+5'8	-2'9	-1'8	-3'9	+5'2	-2'4	+6'2	-6'3	+4'7	-3'8	+7'2
" 22-26	-10'6	-15'2	-10'0	-15'2	-4'1	-13'1	-3'6	-11'9	-5'2	-11'2	-6'1	-11'3	-6'6	-9'3	-5'7	-10'5	-6'4	-12'0	-6'4	-12'6	-7'5	-16'4	-5'9	-14'8
" 27-31	-5'2	-5'5	-4'4	-8'2	+0'6	-7'8	+0'9	-6'8	+3'4	-5'1	+1'8	-2'5	+1'9	-1'8	-1'1	-5'0	+0'3	-6'0	+1'1	-5'8	+0'8	-5'7	+1'3	-6'5
April 1-5	+10'1	-9'4	+11'5	-8'4	+10'6	-10'4	+9'6	-9'5	+8'3	-9'8	+7'5	-9'9	+4'2	-10'7	+9'2	-9'8	+5'7	-11'9	+7'4	-14'2	+10'1	-12'4	+9'7	-15'4
" 6-10	+1'1	+5'2	+3'4	+1'9	+2'0	+2'0	+2'1	+2'7	0'0	+1'8	+1'3	+1'3	+1'8	+1'2	+0'7	+1'7	+2'4	+2'4	+1'3	+0'9	+2'8	+2'0	+3'7	+3'0
" 11-15	+10'0	+4'7	+10'6	+4'4	+6'0	+3'8	+6'9	+4'4	+7'6	+3'9	+7'5	+2'6	+7'0	+5'3	+9'7	+5'8	+10'2	+8'1	+12'8	+6'6	+14'1	+3'9	+14'8	+4'9
" 16-20	-1'6	-1'6	-1'8	-1'7	-2'6	-0'7	-1'6	-2'0	-1'5	-3'5	-4'3	-4'0	-6'8	-4'1	-7'9	-4'5	-8'3	-5'7	-11'1	-5'2	-13'2	-5'1	-14'1	-3'9
" 21-25	-0'1	-13'7	+6'0	-16'4	+7'8	-14'8	+6'9	-14'6	+7'9	-13'3	+3'9	-12'3	+8'7	-11'9	+8'4	-11'7	+10'4	-11'5	+10'9	-13'3	+5'6	-14'2	+5'0	-16'6
" 26-30	-4'3	+6'8	-4'1	+11'0	-6'4	+9'4	-8'3	+9'7	-9'3	+8'8	-8'0	+6'7	-4'9	-2'8	-5'3	-1'2	-6'7	+2'4	-6'5	-1'9	-10'5	+1'1	-10'8	+1'2
May 1-5	-0'1	+5'7	-1'0	-8'3	-2'6	+7'9	-1'9	+6'4	-2'1	+5'9	-3'6	+4'6	-3'7	+2'6	-1'8	-0'4	-1'6	-1'9	-1'6	-0'8	-2'9	-1'8	-2'8	-2'1
" 6-10	0'0	+1'9	+1'6	+0'8	+0'7	+2'3	+1'8	+1'7	-0'7	-0'6	+0'3	+2'1	-3'6	+0'5	-4'8	-2'5	-4'5	-4'9	-5'9	-5'7	-4'9	-4'4	-6'8	-5'6
" 11-15	-0'1	+2'9	-0'3	+5'2	-0'3	+2'4	-0'6	+1'1	+0'6	+2'4	-2'3	+2'8	-2'3	+2'3	-1'9	+3'5	-2'3	+2'0	-3'7	+2'4	+0'5	-4'5	-0'4	-6'2
" 16-20	-7'8	+3'2	-10'0	+4'8	-10'6	+6'0	-10'1	+6'4	-10'4	+5'7	-11'4	+8'1	-12'6	+5'9	-13'3	+7'4	-14'7	+7'5	-13'5	+6'3	-8'4	+4'4	-12'8	+0'8
" 21-25	-2'8	0'0	-4'8	-0'9	-3'3	-0'4	-2'5	-1'0	-3'4	+1'0	-0'9	+0'7	-4'8	+2'3	-4'7	+3'8	-5'1	+1'0	-6'3	+0'7	-5'1	+0'4	-8'5	+5'2
" 26-30	-9'9	-11'4	-10'2	-9'9	-11'2	-8'7	-5'1	-8'0	-6'4	-7'4	-8'3	-4'7	-6'9	-6'0	-6'4	-5'7	-5'9	-8'3	-7'7	-8'4	-7'3	-10'7	-5'0	-13'2
June 31-4	-24'3	+4'2	-22'4	+4'8	-21'1	+0'6	-21'0	+5'1	-20'8	+5'5	-22'3	+6'4	-25'0	+7'9	-25'1	+9'8	-23'6	+9'6	-25'7	+10'1	-25'1	+6'0	-27'1	+9'8
" 5-9	+9'2	-0'1	+10'2	0'0	+8'9	+1'2	+7'3	+1'7	+10'7	-0'5	+8'2	+0'6	+9'1	-0'9	+8'2	-0'7	+8'0	-1'0	+9'2	-4'0	+9'3	-4'5	+8'3	-4'7
" 10-14	+0'8	-1'0	-0'6	-1'3	-1'3	+0'9	-1'5	+1'7	-4'9	+1'0	-4'0	+2'1	-2'7	+0'6	-3'9	+3'7	-4'7	+0'7	-5'4	-1'2	-5'5	-1'7	-6'4	-5'2
" 15-19	0'0	0'0	+1'6	-0'3	0'0	0'0	0'0	0'0	0'0	0'0	0'0	+1'3	-0'9	+2'7	-0'5	+3'4	-0'4	-0'9	-1'7	+1'0	-5'6	+1'2	-8'2	
" 20-24	+4'1	-1'1	+2'2	-0'4	+2'8	-0'8	+2'2	0'0	+2'6	-0'5	+2'6	-0'5	+2'4	0'0	+2'6	0'0	+1'6	-0'2	+4'5	-1'6	+5'2	-6'4	+2'5	-3'9
" 25-29	+0'5	-1'3	+1'2	-3'0	0'0	0'0	-0'2	-1'2	+1'1	-1'7	+0'2	-4'1	-0'6	-3'9	-0'4	-4'1	-1'7	-4'8	-2'7	-7'8	-5'3	-9'9	-5'5	-9'5

COMPONENTS for FIVE-DAY PERIODS.

LAT. 51° 55' N. LONG. 10° 18' W.

P.M.																							Midt.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		N.	E.	
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
- 7'9	+ 1'4	- 7'5	+ 2'2	- 8'2	+ 0'2	- 8'2	- 0'4	- 7'7	- 0'3	- 6'9	- 0'2	- 7'4	- 0'2	- 6'2	- 0'5	- 5'7	- 1'3	- 5'3	- 1'2	- 7'8	- 0'6	- 7'9	- 0'9	- 6'3	+ 0'7	
- 5'4	- 4'8	- 7'2	- 5'3	- 3'4	- 0'4	- 3'3	+ 4'6	- 4'7	+ 2'6	- 1'9	+ 4'5	- 0'1	+ 1'7	- 0'7	+ 3'9	+ 3'3	+ 5'2	- 0'9	+ 5'0	- 3'7	+ 4'6	- 7'1	+ 3'0	- 5'5	+ 1'1	
- 9'9	- 1'5	- 7'5	- 0'4	- 7'0	+ 0'8	- 8'6	+ 3'2	- 8'2	+ 1'6	- 10'2	+ 1'1	- 9'4	+ 5'2	- 10'3	+ 6'2	- 10'1	+ 5'9	- 10'7	+ 5'0	- 12'2	+ 4'6	- 10'6	+ 3'8	- 10'8	+ 3'7	
- 6'9	- 12'6	- 7'5	- 12'0	- 3'1	- 11'9	- 3'4	- 10'3	- 0'1	- 9'9	- 1'6	- 10'8	- 1'1	- 10'1	+ 0'2	- 10'3	+ 0'2	- 10'1	- 0'9	- 10'9	+ 1'9	- 10'5	+ 0'9	- 9'6	- 3'3	- 8'9	
+ 0'9	- 0'7	+ 4'9	- 1'3	+ 5'1	- 2'1	+ 6'1	- 1'8	+ 3'8	- 1'2	+ 2'2	+ 1'2	+ 3'4	- 1'2	+ 2'1	- 1'1	+ 2'5	+ 0'2	+ 2'0	+ 0'4	+ 2'2	+ 0'6	+ 2'0	+ 0'8	+ 3'8	+ 0'3	
- 4'2	- 9'4	- 6'2	- 8'0	- 6'6	- 12'7	- 5'0	- 7'9	- 6'9	- 6'9	- 7'0	- 3'4	- 6'9	- 5'5	- 8'4	- 4'7	- 10'2	- 7'3	- 12'7	- 7'9	- 14'4	- 7'2	- 16'9	- 7'8	- 8'3	- 8'3	
+ 11'6	- 15'1	+ 10'3	- 19'4	+ 12'1	- 17'0	+ 12'6	- 16'0	+ 12'1	- 15'5	+ 13'4	- 15'5	+ 13'0	- 14'2	+ 12'5	- 16'9	+ 11'6	- 16'6	+ 13'2	- 13'8	+ 13'4	- 12'4	+ 12'2	- 15'3	+ 11'3	- 17'0	
+ 15'5	- 7'4	+ 13'7	- 8'2	+ 12'7	- 6'9	+ 13'5	- 7'5	+ 13'0	- 8'0	+ 10'9	- 6'8	+ 11'4	- 7'5	+ 11'1	- 9'3	+ 12'0	- 10'3	+ 10'8	- 8'9	+ 10'2	- 5'9	+ 9'9	- 6'2	+ 11'1	- 10'0	
+ 10'0	- 15'3	+ 8'7	- 16'0	+ 6'6	- 18'1	+ 6'6	- 16'9	+ 8'2	- 17'3	+ 7'7	- 17'1	+ 4'6	- 18'5	+ 7'1	- 19'3	+ 3'5	- 21'0	+ 5'4	- 22'2	+ 5'1	- 21'7	+ 2'9	- 21'2	+ 2'9	- 13'0	
- 6'3	- 12'5	- 6'5	- 13'5	- 6'9	- 14'4	- 5'9	- 13'8	- 5'7	- 12'5	- 5'0	- 12'4	- 6'4	- 11'4	- 6'6	- 11'4	- 8'9	- 10'6	- 11'5	- 10'2	- 10'9	- 12'5	- 13'1	- 11'5	- 7'8	- 12'4	
+ 10'8	+ 0'4	+ 10'1	- 0'7	+ 5'0	- 0'1	+ 7'8	+ 0'1	+ 6'1	- 0'5	+ 8'0	- 0'8	+ 8'8	+ 1'6	+ 6'2	+ 3'3	+ 6'1	+ 2'4	+ 5'8	+ 3'0	+ 5'4	+ 1'9	+ 5'1	- 0'7	+ 6'8	- 0'8	
- 2'2	+ 7'0	- 4'5	+ 7'8	- 4'2	+ 8'2	+ 0'7	+ 7'2	- 1'8	+ 7'1	- 1'2	+ 8'2	+ 1'0	+ 6'2	- 1'6	+ 8'2	- 2'9	+ 6'5	+ 2'3	+ 4'9	+ 3'9	+ 3'7	- 1'5	+ 8'9	- 0'6	+ 7'1	
- 8'9	+ 0'4	- 9'5	+ 3'7	- 10'2	+ 2'1	- 7'8	+ 1'9	- 6'8	- 0'2	- 2'9	+ 2'1	- 2'9	+ 2'4	0'0	+ 1'1	- 4'9	+ 2'5	- 6'6	+ 3'0	+ 0'2	+ 2'1	+ 0'8	+ 1'2	- 5'0	+ 2'4	
+ 9'7	+ 0'3	+ 11'5	- 1'7	+ 9'9	- 3'2	+ 11'1	- 3'1	+ 10'5	- 3'2	+ 8'4	- 2'0	+ 8'3	- 1'8	+ 7'6	- 0'7	+ 5'4	- 0'5	+ 3'9	+ 0'1	+ 4'2	- 1'9	+ 4'8	- 1'7	+ 7'1	0'0	
+ 4'0	- 9'9	+ 5'2	- 9'0	+ 6'6	- 9'0	+ 4'1	- 8'3	+ 5'0	- 7'2	+ 6'7	- 5'7	+ 5'6	- 3'0	+ 4'8	- 3'2	+ 3'8	- 3'1	+ 3'2	- 2'9	+ 2'3	- 3'3	+ 1'6	- 3'0	+ 4'2	- 5'6	
- 4'5	+ 2'3	- 4'5	+ 1'2	- 1'1	+ 4'2	- 3'0	+ 2'4	- 2'8	+ 1'7	- 4'5	+ 0'9	- 2'4	+ 2'1	- 1'2	+ 3'7	- 2'5	+ 2'0	- 3'0	+ 2'4	- 1'4	+ 1'7	- 2'4	- 0'2	- 3'0	+ 2'9	
- 8'6	- 15'3	- 7'9	- 15'2	- 8'0	- 13'4	- 9'5	- 11'1	- 10'4	- 10'6	- 9'1	- 11'7	- 9'5	- 11'8	- 10'1	- 11'5	- 11'1	- 11'0	- 12'7	- 13'6	- 12'5	- 13'4	- 12'0	- 14'1	- 8'3	- 12'7	
- 0'1	- 6'1	+ 1'2	- 5'8	- 0'3	- 5'1	- 0'6	- 5'7	+ 1'6	- 5'4	+ 1'2	- 6'3	+ 0'9	- 5'6	+ 2'0	- 6'2	+ 1'0	- 2'7	- 1'2	- 3'2	- 0'3	- 4'2	- 1'2	- 6'9	+ 0'2	- 5'4	
+ 11'1	- 13'5	+ 8'6	- 13'8	+ 9'3	- 14'6	+ 9'5	- 13'2	+ 13'4	- 12'4	+ 12'6	- 10'7	+ 12'0	- 12'2	+ 10'2	- 9'8	+ 8'8	- 11'2	+ 7'9	- 11'3	+ 9'5	- 11'1	+ 11'1	- 11'1	+ 9'3	- 11'5	
+ 3'0	+ 1'8	- 1'3	+ 2'5	+ 0'2	+ 4'9	+ 3'0	+ 7'7	+ 3'0	+ 7'0	+ 3'2	+ 7'3	+ 2'4	+ 7'2	+ 2'9	+ 5'3	+ 3'7	+ 5'6	+ 2'8	+ 6'5	+ 4'0	+ 9'7	+ 4'1	+ 8'4	+ 2'2	+ 4'2	
+ 16'1	+ 2'2	+ 15'9	+ 3'2	+ 15'5	+ 2'0	+ 16'5	+ 0'7	+ 15'7	- 0'5	+ 16'0	+ 1'6	+ 14'0	+ 1'9	+ 11'9	+ 2'0	+ 9'7	+ 1'8	+ 8'9	+ 2'7	+ 7'2	+ 4'1	+ 8'6	+ 3'5	+ 11'3	+ 3'5	
- 14'5	- 5'2	- 16'3	- 3'6	- 14'8	- 7'6	- 14'3	- 7'7	- 13'7	- 4'8	- 15'5	- 4'6	- 15'2	- 5'9	- 13'6	- 3'3	- 12'8	- 6'1	- 15'0	- 5'0	- 9'6	- 7'0	- 3'6	- 9'1	- 9'7	- 4'7	
+ 4'0	- 17'4	+ 4'3	- 17'5	+ 5'7	- 14'6	+ 4'5	- 16'8	+ 6'3	- 14'3	+ 3'7	- 13'8	+ 3'0	- 9'8	+ 4'5	- 10'4	+ 2'2	- 10'1	+ 1'0	- 10'3	+ 0'4	- 12'2	- 1'0	- 5'4	+ 4'8	- 13'2	
- 12'1	- 1'5	- 9'4	+ 0'7	- 10'1	+ 3'5	- 13'3	0'0	- 10'0	+ 2'0	- 9'9	- 1'4	- 5'5	- 3'1	- 4'9	- 2'0	- 3'4	- 0'9	+ 2'4	- 2'5	+ 2'3	+ 3'1	- 4'9	+ 4'3	- 6'6	+ 2'2	
- 3'1	- 6'2	- 5'2	- 5'7	- 6'3	- 5'0	- 7'3	- 3'4	- 8'6	- 1'5	- 9'9	+ 0'7	- 9'7	+ 2'8	- 8'9	+ 0'2	- 8'0	+ 2'7	- 10'8	+ 2'7	- 9'9	+ 3'7	- 6'0	+ 6'8	- 5'0	+ 1'3	
- 4'9	- 5'7	- 7'8	- 5'4	- 7'1	- 3'7	- 6'5	- 0'6	- 6'7	+ 0'1	- 7'3	+ 1'2	- 3'8	+ 2'8	- 3'7	+ 6'4	- 5'0	+ 3'5	- 4'7	+ 6'7	- 4'4	+ 6'5	- 3'6	+ 6'4	- 3'9	+ 0'2	
- 1'6	- 5'0	+ 0'3	- 6'5	+ 0'7	- 8'1	+ 0'5	- 9'4	- 0'4	- 9'2	+ 1'4	- 8'3	+ 1'6	- 7'3	+ 1'6	- 4'2	+ 1'6	- 1'6	+ 1'2	- 2'8	+ 2'2	- 0'4	+ 1'2	+ 0'2	- 0'1	- 2'0	
- 11'8	- 2'9	- 11'7	- 1'2	- 9'7	- 0'9	- 8'9	- 0'1	- 9'2	- 3'8	- 8'2	- 1'6	- 8'3	- 2'1	- 7'4	+ 2'0	- 6'6	+ 0'3	- 5'2	+ 2'3	- 8'1	+ 3'9	- 9'4	+ 5'6	- 10'0	+ 2'8	
- 9'3	+ 4'8	- 8'3	+ 1'7	- 9'3	- 0'6	- 11'1	- 3'7	- 8'5	- 0'8	- 6'0	- 2'9	- 9'9	- 2'9	- 7'4	- 2'4	- 7'6	- 4'3	- 7'4	- 2'3	- 6'6	- 1'8	- 7'4	- 3'2	- 6'3	- 0'2	
- 5'7	- 15'2	- 5'3	- 13'7	- 4'5	- 15'4	- 3'8	- 15'4	- 5'0	- 15'4	- 4'9	- 12'6	- 4'2	- 12'0	- 4'5	- 10'2	- 3'8	- 7'0	- 7'5	- 8'5	- 7'4	- 10'4	- 7'5	- 9'9	- 6'4	- 10'3	
- 29'3	+ 5'2	- 26'7	+ 2'7	- 25'3	+ 6'2	- 27'2	+ 0'3	- 27'6	+ 3'6	- 26'3	+ 3'9	- 24'5	+ 7'5	- 24'8	+ 8'7	- 24'5	+ 8'5	- 23'4	+ 9'8	- 24'6	+ 9'0	- 25'2	+ 7'8	- 24'8	+ 6'6	
+ 9'0	- 6'7	+ 9'2	- 7'0	+ 9'0	- 8'7	+ 11'1	- 5'4	+ 11'8	- 6'5	+ 13'1	- 6'9	+ 12'6	- 3'8	+ 14'1	- 3'5	+ 14'5	- 3'6	+ 14'2	- 2'1	+ 13'4	- 1'9	+ 11'0	- 1'5	+ 10'4	- 2'9	
- 7'5	- 7'7	- 4'8	- 7'3	- 2'7	- 5'4	- 1'9	- 7'0	- 2'5	- 5'0	- 0'4	- 6'6	- 1'4	- 5'4	- 2'2	- 1'8	+ 1'1	+ 0'3	+ 1'7	+ 0'6	+ 0'8	+ 0'4	+ 0'6	- 3'1	- 2'5	- 2'0	
+ 3'6	- 6'5	+ 2'7	- 10'5	+ 4'2	- 8'6	+ 3'0	- 7'3	+ 3'9	- 9'0	+ 4'9	- 5'6	+ 5'3	- 6'1	+ 5'0	- 2'1	+ 3'4	- 3'4	+ 4'6	- 0'4	+ 3'4	- 1'5	+ 2'0	0'0	+ 2'3	- 3'3	
+ 6'8	- 6'0	+ 4'0	- 9'0	+ 3'0	- 9'5	+ 6'4	- 9'1	+ 6'4	- 6'8	+ 4'9	- 7'2	+ 4'1	- 5'2	+ 1'8	- 5'1	+ 2'7	- 2'1	+ 2'7	- 0'5	+ 2'7	- 0'5	+ 2'2	- 0'4	+ 3'5	- 3'2	
- 4'8	- 11'0	- 5'7	- 10'8	- 6'2	- 10'3	- 6'5	- 11'3	- 4'5	- 12'3	- 3'8	- 11'5	- 2'8	- 9'1	- 2'2	- 6'8	- 1'4	- 6'9	- 0'6	- 5'8	- 0'7	- 4'7	- 0'6	- 5'1	- 2'2	- 6'5	

TABLE IV.—MEAN HOURLY and DAILY WIND

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1889.																								
July 30-4	+ 0'1	- 0'4	- 1'1	+ 1'5	+ 1'4	- 2'8	+ 0'5	- 0'6	- 0'9	- 2'2	+ 2'3	- 1'4	+ 2'7	- 1'5	+ 0'5	+ 0'2	+ 0'4	+ 2'8	- 1'5	+ 4'6	- 1'4	+ 1'0	- 0'9	- 0'5
" 5-9	+ 3'5	- 2'7	+ 4'4	- 1'9	+ 2'1	- 2'1	+ 4'9	- 1'8	+ 4'3	- 2'6	+ 2'3	- 1'3	+ 3'0	+ 0'2	+ 5'0	+ 0'4	+ 7'5	- 2'8	+ 7'3	- 2'7	+ 6'7	- 2'9	- 7'3	- 2'7
" 10-14	+ 1'0	- 0'8	+ 0'3	- 1'6	+ 2'7	- 0'4	+ 2'5	- 0'2	+ 2'5	- 1'0	+ 1'2	- 1'8	+ 0'7	- 0'5	+ 2'4	- 0'9	+ 2'1	- 1'8	+ 0'3	- 1'6	+ 2'8	- 3'9	+ 2'1	- 6'9
" 15-19	+ 3'2	- 5'1	+ 2'7	- 4'9	+ 0'6	- 4'0	+ 3'7	- 3'8	+ 2'0	- 3'9	+ 2'4	- 1'9	+ 3'9	- 0'4	+ 3'9	- 1'1	+ 4'6	- 2'7	+ 2'9	- 2'7	+ 5'3	- 4'0	+ 5'5	- 5'1
" 20-24	- 3'2	- 7'6	- 4'1	- 8'0	- 2'4	- 8'5	- 5'6	- 10'6	- 3'4	- 12'9	- 1'2	- 15'8	- 1'0	- 14'7	+ 0'1	- 17'4	+ 2'8	- 18'6	+ 7'7	- 19'0	+ 4'9	- 17'8	+ 6'2	- 19'7
" 25-29	+ 2'3	- 3'8	+ 4'2	- 6'6	+ 0'7	- 3'8	+ 1'3	- 5'8	- 0'1	- 6'3	+ 0'9	- 6'3	+ 5'0	- 6'8	+ 5'0	- 7'7	+ 3'1	- 8'3	+ 4'2	- 7'4	+ 4'6	- 7'9	+ 5'6	- 8'9
Aug. 30-3	- 14'6	0'0	- 12'4	+ 0'7	- 19'3	+ 2'1	- 16'4	- 3'1	- 17'7	- 3'1	- 15'8	- 0'1	- 12'5	- 0'5	- 12'8	- 0'5	- 10'5	- 1'9	- 10'9	- 0'3	- 15'4	- 0'8	- 17'1	+ 0'3
" 4-8	+ 1'0	- 8'8	+ 1'2	- 5'8	+ 0'7	- 6'1	+ 0'6	- 5'4	- 0'2	- 7'8	+ 1'0	- 8'1	+ 1'4	- 4'7	- 2'0	- 6'8	- 3'6	- 8'2	- 3'8	- 8'1	- 6'7	- 7'7	- 6'6	- 9'8
" 9-13	+ 3'4	- 2'6	+ 3'0	+ 9'0	+ 1'3	- 1'5	- 2'1	- 4'5	- 0'7	- 5'3	+ 3'3	- 4'5	+ 3'2	- 1'6	+ 3'4	- 6'8	+ 3'6	- 8'5	+ 2'5	- 7'9	+ 2'8	- 9'4	- 2'0	- 10'1
" 14-18	- 8'2	- 14'4	- 5'6	- 11'8	- 5'0	- 10'9	- 8'1	- 10'5	- 6'4	- 11'4	- 5'5	- 9'1	- 8'4	- 8'9	- 6'3	- 13'0	- 8'0	- 13'8	- 7'0	- 12'8	- 9'1	- 15'8	- 10'7	- 14'9
" 19-23	- 1'0	- 6'4	+ 1'5	- 3'7	+ 0'7	- 2'1	- 0'4	- 7'4	+ 2'4	- 8'4	+ 5'2	- 7'9	+ 4'0	- 6'3	+ 5'3	- 8'3	+ 5'8	- 9'9	+ 7'4	- 9'2	+ 5'2	- 8'9	+ 9'9	- 10'7
" 24-28	- 1'8	- 5'3	- 3'5	- 5'7	- 4'8	- 6'4	- 3'9	- 6'4	- 5'3	- 7'7	- 5'0	- 5'8	- 5'7	- 6'0	- 5'2	- 9'6	- 6'0	- 8'1	- 7'0	- 9'7	- 4'8	- 8'9	- 5'9	- 8'9
Sept. 29-2	- 9'0	+ 4'7	- 8'8	+ 5'2	- 8'9	+ 4'3	- 10'2	+ 4'9	- 8'8	+ 3'5	- 5'3	+ 3'5	- 6'7	+ 3'6	- 6'1	+ 1'9	- 4'3	+ 0'9	- 3'8	- 0'6	- 1'2	- 1'2	+ 0'8	+ 0'6
" 3-7	- 3'7	+ 1'2	- 2'6	+ 2'2	- 3'5	+ 2'3	- 6'0	+ 4'2	- 5'5	+ 5'2	- 4'1	+ 1'8	- 4'4	+ 1'6	- 7'4	+ 1'1	- 8'8	+ 2'6	- 9'7	+ 2'9	- 10'3	+ 4'2	- 11'4	+ 4'1
" 8-12	- 18'4	+ 10'0	- 18'0	+ 10'3	- 15'3	+ 6'0	- 12'8	+ 5'8	- 14'9	+ 7'1	- 14'8	+ 3'4	- 12'5	+ 5'8	- 12'8	+ 10'7	- 20'2	+ 7'6	- 27'0	+ 11'3	- 28'1	+ 9'5	- 26'9	+ 10'1
" 13-17	- 7'4	+ 2'6	- 7'6	+ 2'4	- 7'8	+ 2'8	- 9'0	+ 2'3	- 3'7	- 0'5	- 5'3	+ 0'9	- 5'3	+ 0'7	- 5'7	- 0'4	- 4'3	+ 0'5	- 5'2	+ 4'3	- 5'6	+ 4'6	- 8'3	+ 3'1
" 18-22	+ 5'1	- 9'6	+ 5'9	- 8'2	+ 3'0	- 9'2	+ 6'8	- 8'2	+ 8'0	- 6'0	+ 8'2	- 8'8	+ 7'3	- 8'8	+ 10'7	- 8'6	+ 9'1	- 6'7	+ 3'4	- 8'0	+ 3'0	- 9'0	+ 4'9	- 8'6
" 23-27	+ 2'0	- 6'7	+ 1'5	- 5'5	- 2'4	- 3'1	- 1'0	- 3'0	- 0'5	- 1'1	- 2'7	+ 0'2	- 1'1	- 2'3	- 3'0	- 1'3	- 2'1	- 0'8	- 1'1	- 3'4	+ 0'4	- 6'9	- 2'3	- 6'9
Oct. 28-2	+ 8'7	- 2'8	+ 9'3	- 3'7	+ 8'5	- 4'0	+ 9'4	- 3'1	+ 9'4	- 4'9	+ 7'7	- 4'6	+ 8'9	- 2'1	+ 11'2	- 1'7	+ 11'2	+ 0'8	+ 11'3	- 2'3	+ 12'7	- 2'0	+ 11'4	- 3'8
" 3-7	+ 8'1	- 17'3	+ 9'9	- 18'5	+ 9'8	- 18'0	+ 11'2	- 18'6	+ 10'0	- 16'3	+ 10'7	- 15'5	+ 9'6	- 14'6	+ 11'3	- 9'4	+ 8'5	- 13'2	+ 9'5	- 12'3	+ 6'2	- 10'2	+ 5'1	- 13'3
" 8-12	+ 1'3	- 8'7	+ 1'5	- 10'3	+ 1'4	- 8'0	+ 1'1	- 11'2	+ 3'6	- 9'3	+ 4'8	- 10'4	+ 1'6	- 9'9	+ 2'9	- 13'8	+ 6'0	- 11'2	+ 2'2	- 12'6	+ 4'2	- 13'7	+ 4'3	- 13'3
" 13-17	- 2'1	- 3'8	- 2'5	- 2'6	- 2'0	- 2'0	- 4'1	- 1'3	- 3'0	- 0'2	- 5'1	- 0'3	- 4'8	+ 1'6	- 5'4	- 0'5	- 4'1	+ 0'1	- 5'4	- 0'6	- 4'4	- 3'3	- 7'2	- 4'2
" 18-22	+ 0'9	+ 4'4	+ 3'0	+ 2'8	+ 3'1	+ 4'6	+ 3'8	+ 4'3	+ 0'5	+ 4'1	- 1'2	+ 4'4	- 0'4	+ 4'6	+ 4'1	+ 0'2	+ 5'1	+ 2'4	+ 7'3	+ 5'2	+ 4'9	+ 3'4	+ 7'9	+ 1'3
" 23-27	+ 6'8	+ 2'2	+ 6'3	+ 4'1	+ 8'0	+ 3'8	+ 9'8	+ 2'5	+ 6'6	+ 3'9	+ 5'2	+ 2'5	+ 6'1	+ 4'1	+ 4'8	+ 2'7	+ 5'9	+ 3'2	+ 7'6	+ 3'6	+ 7'2	+ 2'4	+ 10'5	+ 4'3
Nov. 28-1	+ 0'5	- 7'7	- 4'4	- 7'7	- 7'3	- 7'4	- 5'4	- 9'4	- 7'6	- 7'2	- 10'0	- 8'7	- 14'5	- 11'4	- 12'4	- 12'8	- 7'7	- 10'9	- 14'2	- 12'5	- 14'7	- 10'3	- 7'1	- 13'9
" 2-6	- 0'1	- 9'2	- 2'1	- 8'3	- 2'6	- 7'6	- 2'1	- 9'1	- 1'7	- 8'5	- 1'2	- 8'7	- 0'8	- 6'9	+ 0'1	- 5'2	- 0'9	- 6'9	+ 1'7	- 6'5	- 0'6	- 5'3	- 2'5	- 8'9
" 7-11	- 4'1	- 1'8	- 4'0	- 0'6	- 3'7	- 3'0	- 3'3	- 2'8	- 1'9	- 3'2	- 1'8	- 4'4	- 2'1	- 3'6	- 3'4	- 1'1	- 4'7	- 2'3	- 6'2	- 4'0	- 5'7	- 3'7	- 7'3	- 3'2
" 12-16	- 7'3	+ 6'6	- 7'5	+ 6'8	- 6'5	+ 6'3	- 6'2	+ 5'3	- 7'3	+ 7'5	- 8'6	+ 5'6	- 7'6	+ 7'6	- 11'0	+ 9'2	- 10'8	+ 9'4	- 11'4	+ 6'6	- 10'6	+ 8'3	- 13'1	+ 5'8
" 17-21	- 13'6	+ 13'8	- 14'7	+ 14'6	- 12'9	+ 11'0	- 13'5	+ 11'7	- 13'1	+ 11'4	- 12'2	+ 11'5	- 10'7	+ 9'1	- 9'2	+ 12'7	- 7'8	+ 12'1	- 7'8	+ 16'0	- 13'4	+ 14'9	- 15'3	+ 17'6
" 22-26	- 6'4	- 8'1	- 2'4	- 12'7	- 0'7	- 11'9	+ 1'8	- 5'9	+ 0'7	- 7'6	+ 0'7	- 6'8	- 0'6	- 6'8	- 1'3	- 4'5	- 3'2	- 4'3	- 4'2	- 4'9	- 5'7	- 4'9	- 6'4	- 5'7
Dec. 27-1	- 10'7	+ 3'4	- 10'1	+ 5'2	- 10'0	+ 4'6	- 12'2	+ 6'4	- 13'8	+ 5'3	- 15'5	+ 6'8	- 13'5	+ 4'6	- 13'8	+ 7'2	- 13'3	+ 8'3	- 15'1	+ 8'2	- 13'5	+ 4'6	- 13'4	+ 6'5
" 2-6	- 14'7	+ 16'8	- 15'4	+ 14'8	- 14'4	+ 14'8	- 15'0	+ 15'2	- 13'7	+ 15'3	- 14'5	+ 14'1	- 14'8	+ 13'7	- 14'6	+ 16'9	- 17'3	+ 14'3	- 15'7	+ 14'7	- 16'4	+ 16'0	- 18'5	+ 14'6
" 7-11	+ 5'0	- 11'1	+ 5'9	- 10'8	+ 5'3	- 12'8	+ 4'1	- 13'1	+ 4'9	- 12'0	+ 3'9	- 14'2	+ 2'9	- 14'7	+ 4'0	- 12'7	+ 5'1	- 10'8	+ 6'2	- 10'7	+ 5'7	- 12'3	+ 2'6	- 13'2
" 12-16	- 4'1	- 8'5	- 2'9	- 8'7	- 4'7	- 7'5	- 6'9	- 5'5	- 4'8	- 4'9	- 5'0	- 6'9	- 2'8	- 2'0	- 5'7	+ 0'7	- 5'8	+ 1'1	- 12'6	+ 0'1	- 12'4	+ 3'2	- 14'8	+ 0'2
" 17-21	- 22'1	- 14'6	- 22'7	- 15'0	- 21'4	- 16'9	- 21'0	- 12'8	- 20'9	- 14'5	- 23'7	- 13'8	- 20'0	- 14'4	- 7'8	- 16'6	- 8'2	- 17'7	- 13'3	- 16'6	- 14'1	- 14'2	- 15'2	- 14'8
" 22-26	- 11'3	- 12'7	- 8'8	- 6'4	- 12'7	- 9'1	- 14'5	- 10'3	- 15'0	- 7'8	- 17'5	- 10'0	- 15'5	- 9'1	- 16'7	- 7'4	- 18'0	- 5'2	- 19'5	- 6'2	- 18'5	- 5'6	- 21'5	- 4'5
" 27-31	- 21'1	+ 6'5	- 22'9	+ 6'8	- 22'3	+ 5'4	- 12'6	+ 5'2	- 14'1	+ 7'4	- 14'0	+ 4'7	- 15'4	+ 7'9	- 15'4	+ 9'3	- 15'4	+ 5'9	- 14'5	+ 9'0	- 13'1	+ 8'8	- 5'7	+ 8'0

COMPONENTS for FIVE-DAY PERIODS—continued.

P.M.																							Midt.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.			
- 1'7	- 1'5	- 1'5	+ 1'7	- 1'5	- 3'1	+ 1'2	- 1'8	- 0'7	- 0'7	+ 3'1	+ 0'6	+ 3'2	0'0	+ 1'9	+ 2'1	+ 3'6	+ 1'5	+ 3'4	+ 1'6	+ 2'4	+ 2'0	+ 1'6	+ 1'9	+ 0'7	+ 0'2	
+ 5'9	- 3'4	+ 5'1	- 6'6	+ 3'7	- 7'7	+ 7'2	- 9'3	+ 7'2	- 5'8	+ 8'9	- 1'8	+ 7'4	- 0'5	+ 7'2	- 0'7	+ 5'9	- 0'2	+ 3'0	- 0'1	+ 3'5	- 1'5	+ 6'4	- 2'4	+ 5'4	- 2'6	
+ 2'2	- 6'1	+ 4'1	- 6'4	+ 2'4	- 6'5	+ 3'4	- 5'3	+ 3'4	- 4'6	+ 1'1	- 5'4	+ 1'8	- 4'1	+ 2'6	- 3'1	+ 1'3	- 3'8	+ 2'2	- 3'2	+ 1'5	- 3'4	+ 1'2	- 3'6	+ 2'0	- 3'2	
+ 3'7	- 5'9	+ 6'3	- 4'5	+ 4'7	- 4'8	+ 5'1	- 5'4	+ 6'6	- 5'3	+ 7'5	- 4'5	+ 5'6	- 2'5	+ 4'9	- 1'7	+ 3'7	- 2'1	+ 3'4	+ 0'2	+ 2'5	- 0'6	+ 1'6	- 0'4	+ 4'0	- 3'2	
+ 5'1	- 19'6	+ 5'4	- 19'6	+ 3'0	- 19'2	+ 0'4	- 18'8	+ 1'0	- 16'2	- 0'2	- 14'5	- 0'6	- 12'1	+ 0'1	- 11'4	- 0'6	- 9'8	- 0'4	- 11'5	- 1'3	- 11'8	- 2'4	- 13'5	+ 0'4	- 14'5	
+ 4'5	- 9'0	+ 6'9	- 7'3	+ 6'5	- 6'4	+ 5'6	- 5'5	+ 7'5	- 4'8	+ 6'7	- 2'1	+ 5'4	- 2'4	+ 4'7	- 2'0	+ 5'2	- 0'8	+ 4'6	- 1'3	+ 4'2	- 2'3	+ 1'7	- 0'6	+ 4'2	- 5'2	
- 16'2	- 0'2	- 16'8	- 2'0	- 18'0	+ 1'0	- 18'9	+ 3'9	- 17'5	+ 8'7	- 18'1	+ 9'1	- 17'9	+ 6'3	- 19'1	+ 2'0	- 18'8	- 0'2	- 16'5	+ 1'1	- 14'1	- 2'5	- 15'9	- 3'2	- 16'0	+ 0'7	
- 8'4	- 9'5	- 7'0	- 11'1	- 8'2	- 10'4	- 11'7	- 11'2	- 9'3	- 8'8	- 7'7	- 9'5	- 4'0	- 10'8	- 0'9	- 9'4	- 1'1	- 8'2	- 0'8	- 7'1	+ 0'5	- 6'7	+ 1'6	- 8'0	- 3'1	- 8'2	
- 1'2	- 10'3	- 2'4	- 12'3	- 1'3	- 11'1	+ 1'9	- 10'0	+ 1'5	- 9'3	+ 2'6	- 8'8	+ 1'1	- 5'2	+ 1'6	- 4'7	+ 1'2	- 2'6	+ 2'2	- 3'5	- 2'8	- 4'6	- 1'6	- 5'1	+ 1'0	- 6'2	
- 12'8	- 12'0	- 13'6	- 11'3	- 14'0	- 13'9	- 14'8	- 10'5	- 13'6	- 8'8	- 11'8	- 10'5	- 9'3	- 12'3	- 9'1	- 9'9	- 5'5	- 8'5	- 4'7	- 9'1	- 7'9	- 9'2	- 6'1	- 12'0	- 8'8	- 11'5	
+ 12'6	- 10'7	+ 12'8	- 11'1	+ 11'1	- 12'0	+ 9'1	- 10'5	+ 9'4	- 9'9	+ 7'6	- 7'9	+ 8'3	- 9'2	+ 6'5	- 8'9	+ 6'6	- 7'2	+ 3'5	- 2'8	+ 3'4	- 5'9	+ 4'1	- 6'1	+ 5'9	- 8'0	
- 5'3	- 9'4	- 8'4	- 8'0	- 6'6	- 8'0	- 7'5	- 7'3	- 8'3	- 7'2	- 8'4	- 5'4	- 9'3	- 5'5	- 9'2	- 2'4	- 9'5	- 2'9	- 10'5	- 1'3	- 10'3	- 2'7	- 10'3	- 2'0	- 6'8	- 6'2	
- 0'4	+ 2'2	- 0'7	+ 2'8	0'0	+ 1'6	- 1'6	+ 5'5	- 2'6	+ 4'8	- 0'5	+ 2'8	+ 0'6	+ 2'2	+ 0'7	- 0'7	+ 0'7	+ 3'1	- 1'4	+ 3'2	- 2'4	+ 2'4	- 3'0	+ 1'5	- 3'4	+ 2'6	
- 11'1	+ 4'7	- 10'8	+ 7'2	- 10'4	+ 7'2	- 10'9	+ 8'9	- 10'4	+ 6'6	- 7'8	+ 6'8	- 8'1	+ 8'0	- 9'6	+ 7'7	- 7'2	+ 6'6	- 8'6	+ 8'8	- 10'1	+ 7'1	- 8'8	+ 5'9	- 8'0	+ 4'9	
- 26'3	+ 10'3	- 21'6	+ 7'2	- 19'2	+ 2'9	- 18'3	+ 4'7	- 15'8	+ 2'8	- 14'2	+ 4'2	- 14'4	+ 1'5	- 12'5	+ 0'6	- 12'0	+ 1'6	- 8'8	+ 4'7	- 13'1	+ 4'7	- 14'0	+ 0'8	- 17'2	+ 6'0	
- 8'0	+ 4'4	- 9'4	+ 5'8	- 9'9	+ 4'9	- 5'7	+ 3'5	- 5'8	+ 4'6	- 4'3	+ 4'7	- 5'1	+ 5'1	- 6'0	+ 3'1	- 7'5	+ 5'6	- 7'6	+ 3'8	- 8'4	+ 4'6	- 9'3	+ 4'9	- 6'8	+ 3'3	
+ 5'1	- 8'4	+ 3'7	- 9'6	+ 3'9	- 9'3	+ 3'4	- 8'3	+ 2'6	- 7'9	+ 3'6	- 5'6	+ 3'7	- 9'8	+ 3'6	- 9'0	+ 4'3	- 7'8	+ 3'3	- 11'3	+ 3'2	- 10'3	+ 3'7	- 11'9	+ 5'0	- 8'7	
- 0'4	- 11'3	- 0'3	- 11'3	+ 0'2	- 11'5	+ 1'1	- 9'8	- 0'3	- 8'1	+ 1'4	- 8'9	+ 2'7	- 7'9	+ 2'7	- 6'8	+ 4'2	- 7'3	+ 5'6	- 7'3	+ 5'5	- 4'2	+ 5'8	- 6'6	+ 0'7	- 5'9	
+ 10'4	- 3'8	+ 9'9	- 4'7	+ 9'8	- 3'8	+ 8'3	- 3'5	+ 13'1	- 4'6	+ 11'5	- 5'8	+ 13'3	- 4'3	+ 14'6	- 4'6	+ 12'7	- 4'2	+ 12'2	- 4'2	+ 11'0	- 4'2	+ 11'9	- 2'7	+ 10'8	- 3'5	
+ 4'8	- 12'4	+ 4'7	- 13'6	+ 2'2	- 12'9	+ 0'4	- 11'9	- 0'3	- 10'7	- 2'1	- 7'8	- 3'3	- 5'5	- 5'2	- 6'2	- 6'3	- 9'6	- 1'0	- 18'6	+ 2'4	- 18'3	+ 4'8	- 18'7	+ 4'6	- 13'5	
+ 4'8	- 14'6	+ 1'9	- 15'5	- 0'6	- 15'8	+ 0'9	- 15'5	+ 5'0	- 12'3	+ 6'3	- 9'7	+ 5'8	- 7'6	+ 3'3	- 7'9	+ 3'4	- 9'0	+ 3'8	- 7'6	+ 3'7	- 9'3	+ 3'9	- 8'9	+ 3'2	- 11'1	
- 8'7	- 2'5	- 7'1	- 5'0	- 7'9	- 2'8	- 7'6	- 1'6	- 7'1	0'0	- 6'9	+ 0'3	- 5'9	- 0'7	- 4'0	- 0'3	- 4'6	+ 2'5	- 7'1	+ 2'7	- 8'6	+ 4'2	- 6'1	+ 1'5	- 5'5	- 0'8	
+ 8'5	+ 1'1	+ 6'8	+ 3'1	+ 13'7	0'0	+ 10'4	0'0	+ 10'3	- 0'8	+ 11'6	+ 0'6	+ 9'6	- 2'7	+ 10'0	- 3'5	+ 8'6	0'0	+ 10'0	- 0'6	+ 9'7	+ 1'9	+ 10'6	+ 1'9	+ 6'6	+ 1'8	
+ 11'2	+ 2'5	+ 12'2	+ 3'1	+ 10'8	+ 2'5	+ 11'4	+ 4'9	+ 10'3	+ 4'3	+ 7'5	+ 1'5	+ 8'3	+ 4'4	+ 8'5	+ 7'1	+ 6'1	+ 3'6	+ 6'8	+ 4'5	+ 8'2	+ 2'9	+ 7'3	+ 2'3	+ 8'1	+ 3'5	
- 7'7	- 15'6	- 9'2	- 13'8	- 11'7	- 14'1	- 12'0	- 12'4	- 10'8	- 12'4	- 9'8	- 12'5	- 11'4	- 9'3	- 11'4	- 6'3	- 15'0	- 4'0	- 14'1	- 2'0	- 12'5	- 1'0	- 14'5	- 1'5	- 10'2	- 9'4	
- 2'2	- 6'7	- 2'1	- 7'4	- 1'8	- 6'6	- 1'1	- 8'7	- 3'6	- 7'8	- 3'9	- 6'1	- 4'0	- 4'9	- 3'4	- 6'1	- 3'5	- 3'7	- 6'7	- 2'1	- 8'3	- 1'9	- 8'5	- 6'1	- 2'6	- 6'6	
- 6'5	- 2'5	- 4'2	- 1'8	- 4'0	- 1'8	- 4'1	- 1'9	- 2'5	- 0'6	- 3'5	+ 0'3	- 3'4	- 0'1	- 2'7	0'0	- 1'6	- 0'2	- 2'3	+ 1'4	- 4'7	+ 3'1	- 4'7	+ 2'3	- 3'8	- 1'5	
- 11'8	+ 7'0	- 12'2	+ 6'1	- 11'5	+ 6'9	- 13'5	+ 5'9	- 12'5	+ 4'8	- 11'8	+ 2'6	- 11'1	+ 3'3	- 7'3	+ 3'1	- 3'6	+ 4'4	- 6'7	+ 6'3	- 6'0	+ 5'5	- 4'5	+ 6'4	- 9'2	+ 6'1	
- 15'6	+ 14'5	- 17'1	+ 17'1	- 18'3	+ 15'7	- 17'7	+ 15'9	- 14'5	+ 13'6	- 15'2	+ 11'7	- 15'9	+ 14'0	- 17'5	+ 11'6	- 16'4	+ 11'7	- 19'4	+ 13'0	- 18'9	+ 10'9	- 20'8	+ 12'9	- 14'7	+ 13'3	
- 5'1	- 5'9	- 4'2	- 6'9	+ 0'3	- 6'7	+ 2'6	- 7'2	+ 5'0	- 6'0	+ 6'6	- 5'0	+ 5'4	- 7'0	+ 5'2	- 9'8	+ 5'4	- 7'4	+ 5'0	- 7'3	+ 6'4	- 6'2	+ 6'8	- 8'7	+ 0'5	- 7'0	
- 14'8	+ 6'9	- 11'8	+ 6'8	- 14'0	+ 4'6	- 11'0	+ 6'6	- 13'6	+ 7'3	- 12'7	+ 9'7	- 13'3	+ 8'9	- 12'1	+ 8'9	- 13'6	+ 11'0	- 14'8	+ 7'1	- 18'5	+ 6'1	- 18'5	+ 5'6	- 13'5	+ 6'7	
- 18'7	+ 15'1	- 18'2	+ 14'4	- 17'9	+ 14'3	- 17'8	+ 14'5	- 18'7	+ 13'2	- 14'0	+ 10'0	- 16'1	+ 10'7	- 12'7	+ 9'6	- 12'1	+ 9'8	- 11'2	+ 9'3	- 6'9	+ 9'5	- 6'4	+ 11'0	- 14'8	+ 13'4	
+ 4'9	- 14'1	+ 3'9	- 13'1	+ 6'0	- 13'7	+ 9'5	- 14'5	+ 8'3	- 12'4	+ 8'9	- 9'7	+ 5'4	- 9'7	+ 3'7	- 9'9	+ 4'5	- 10'1	+ 3'5	- 11'2	+ 3'5	- 9'2	+ 3'2	- 7'4	+ 5'0	- 11'8	
- 14'6	+ 1'7	- 17'7	+ 0'5	- 20'7	+ 1'3	- 21'2	+ 0'1	- 14'5	- 5'7	- 11'5	- 7'6	- 10'0	- 11'0	- 6'6	- 7'9	- 11'9	- 8'4	- 11'1	- 11'3	- 10'0	- 12'9	- 8'7	- 13'7	- 10'0	- 4'7	
- 16'2	- 18'9	- 9'7	- 24'3	- 11'1	- 20'4	- 13'1	- 13'9	- 8'9	- 15'8	- 14'7	- 13'7	- 12'9	- 13'9	- 13'3	- 14'9	- 15'3	- 13'5	- 15'8	- 13'2	- 15'9	- 13'8	- 17'2	- 15'4	- 15'6	- 15'6	
- 20'9	- 6'9	- 22'2	- 8'3	- 18'6	- 6'9	- 18'8	- 4'9	- 18'8	- 3'9	- 19'3	- 4'7	- 19'2	- 2'6	- 20'9	- 2'9	- 20'8	- 1'4	- 21'4	+ 1'8	- 19'9	- 1'4	- 14'5	- 3'8	- 17'7	- 5'8	
- 6'6	+ 5'5	- 8'2	+ 7'1	- 9'2	+ 9'5	- 8'6	+ 7'0	- 6'7	+ 3'0	- 7'3	+ 4'5	- 7'1	+ 5'9	- 9'1	+ 6'6	- 13'3	+ 7'6	- 12'4	+ 6'4	- 12'8	+ 6'5	- 16'8	+ 5'6	- 12'7	+ 6'6	

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL
VALENCIA OBSERVATORY - - LAT. 51° 55' N. LONG. 10° 18' W.

Five-day Periods.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1889. Jan. 1-5	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.		
" 6-10	—	—	1	'010	1	'090	3	'190	4	'070	2	'055	3	'115	2	'060	2	'075	1	'030	2	'050	3	'060		
" 11-15	2	'045	1	'045	2	'070	2	'055	—	—	1	'010	1	'050	2	'080	1	'035	2	'070	1	'300	1	'160		
" 16-20	1	'030	1	'005	—	—	—	—	1	'005	—	—	—	—	2	'015	1	'010	—	—	1	'005	—	—		
" 21-25	1	'010	1	'005	—	—	—	—	1	'005	—	—	—	—	2	'010	—	—	—	—	—	—	—	—		
" 26-30	2	'050	2	'170	2	'155	2	'030	2	'070	2	'045	1	'025	1	'020	3	'050	4	'025	2	'010	—	—		
Feb. 31-4	4	'055	1	'015	3	'060	3	'040	1	'010	3	'035	3	'060	3	'060	2	'035	1	'010	1	'005	3	'080		
" 5-9	—	—	—	—	1	'005	2	'015	2	'035	4	'090	2	'060	3	'085	5	'085	3	'035	2	'020	1	'030		
" 10-14	3	'120	3	'120	3	'205	3	'195	3	'265	3	'165	3	'160	2	'065	1	'070	1	'040	—	—	1	'005		
" 15-19	—	—	2	'015	2	'105	3	'185	3	'040	2	'050	3	'025	1	'005	2	'010	1	'005	—	—	1	'005		
" 20-24	1	'005	1	'015	—	—	—	—	1	'010	1	'005	1	'005	—	—	—	—	—	—	—	—	—	—		
" 25-1	1	'010	1	'010	2	'050	2	'090	1	'020	1	'005	—	—	—	—	2	'010	—	—	—	—	—	—		
Mar. 2-6	3	'025	1	'015	—	—	1	'015	2	'030	1	'010	2	'045	1	'015	1	'005	—	—	—	—	—	—		
" 7-11	1	'075	1	'025	1	'110	1	'035	1	'025	1	'015	—	—	1	'005	1	'005	—	—	—	—	—	—		
" 12-16	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	2	'035	1	'010	—	—	—	—	—	—		
" 17-21	1	'030	2	'335	2	'100	2	'030	2	'020	1	'010	1	'045	2	'060	3	'125	2	'010	1	'005	—	—		
" 22-26	1	'025	1	'025	1	'020	1	'005	1	'005	1	'045	1	'025	1	'010	2	'040	1	'020	1	'015	1	'005		
" 27-31	2	'130	2	'055	2	'125	1	'025	2	'010	1	'020	2	'015	2	'025	2	'010	2	'020	—	—	—	—		
April 1-5	1	'025	—	—	1	'010	1	'005	1	'005	—	—	1	'005	1	'035	2	'060	1	'025	1	'045	—	—		
" 6-10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 11-15	—	—	—	—	—	—	—	—	1	'015	1	'030	1	'025	—	—	—	—	—	—	—	—	—	—		
" 16-20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—		
" 21-25	1	'010	2	'020	2	'020	2	'025	1	'030	1	'005	2	'015	3	'080	2	'030	3	'020	—	—	—	—		
" 26-30	4	'100	2	'130	3	'140	2	'135	3	'090	2	'020	3	'055	2	'010	4	'050	1	'075	3	'030	4	'055		
May 1-5	3	'215	2	'055	2	'095	2	'110	3	'085	3	'100	2	'095	2	'085	2	'045	1	'005	—	—	1	'005		
" 6-10	1	'085	1	'130	1	'065	1	'090	1	'025	1	'040	2	'065	3	'085	2	'035	1	'030	2	'040	1	'055		
" 11-15	1	'005	1	'010	—	—	1	'110	1	'090	—	—	—	—	—	—	1	'050	1	'050	1	'145	1	'070		
" 16-20	1	'030	1	'010	1	'010	2	'035	1	'005	—	—	—	—	2	'020	3	'035	4	'070	1	'010	2	'050		
" 21-25	1	'065	1	'075	1	'035	1	'005	1	'005	2	'020	1	'015	—	—	1	'005	1	'005	—	—	—	—		
" 26-30	4	'040	—	—	2	'040	2	'020	1	'005	—	—	2	'040	2	'015	1	'025	2	'020	—	—	—	—		
June 31-4	—	—	2	'025	1	'097	1	'073	2	'070	2	'120	1	'090	1	'070	3	'120	2	'070	1	'190	3	'260		
" 5-9	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—		
" 10-14	—	—	1	'010	—	—	—	—	—	—	—	—	—	—	1	'030	1	'035	1	'050	2	'060	2	'075		
" 15-19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 20-24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 25-29	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	2	'025	—	—	—	—	—	—	—	—		

NOTE.—In estimating the number of DAYS on which Rain fell, those on
* This total exceeds the sum of the hourly totals by an amount of rain which was measured.

AMOUNTS of RAINFALL registered therein, for FIVE-DAY PERIODS.

Rain-gauge, 2 feet above Ground; 11 feet above Mean Sea Level.

P.M.																							Midt.		Totals for the Five Days.	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Days (see Note).	Amount.	
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.			
—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	ins.	
4	'085	3	'230	3	'075	1	'085	2	'120	2	'130	3	'155	3	'300	3	'300	5	'115	1	'085	1	'010	5	3'360*	
1	'060	—	—	—	—	—	—	—	—	—	—	1	'010	1	'070	1	'090	1	'030	1	'015	—	—	8	3'590*	
—	—	1	'005	—	—	2	'025	—	—	1	'005	1	'015	—	—	—	—	1	'005	—	—	1	'010			
1	'005	—	—	—	—	—	—	—	—	1	'010	—	—	1	'005	—	—	1	'005	—	—	—	—	2	'055	
—	—	1	'005	1	'015	1	'005	—	—	—	—	1	'015	3	'030	2	'020	2	'070	2	'075	3	'095	5	'980	
3	'105	2	'045	2	'095	3	'045	1	'020	2	'015	3	'030	2	'015	2	'025	4	'045	4	'130	4	'085	4	1'120	
2	'010	—	—	—	—	—	—	2	'010	1	'005	—	—	2	'010	—	—	—	—	1	'005	1	'005	5	'505	
—	—	—	—	1	'005	—	—	1	'005	—	—	1	'005	2	'015	1	'010	1	'005	2	'035	2	'015	5	1'890*	
—	—	—	—	—	—	1	'005	2	'030	2	'050	—	—	1	'005	—	—	—	—	1	'005	1	'005	5	'675*	
—	—	—	—	1	'005	—	—	1	'025	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	'110*	
—	—	1	'055	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	1	'005	1	'005	2	'015	3	'285	
3	'025	1	'135	—	—	1	'020	2	'010	—	—	1	'020	2	'065	2	'095	2	'070	2	'080	2	'235	4	'915	
—	—	—	—	—	—	—	—	—	—	—	—	1	'030	—	—	—	—	—	—	—	—	—	—	1	'325	
—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	1	'005	—	—	—	'060	
2	'070	1	'005	—	—	2	'035	1	'015	—	—	—	—	1	'090	1	'050	2	'010	—	—	1	'045	4	1'090	
—	—	1	'005	—	—	—	—	—	—	1	'020	2	'065	2	'015	1	'010	—	—	2	'020	1	'005	3	'380	
—	—	—	—	—	—	1	'005	—	—	—	—	1	'010	—	—	—	—	1	'005	2	'045	2	'085	4	'585	
1	'125	2	'095	1	'030	1	'055	1	'035	1	'005	—	—	1	'005	—	—	1	'005	2	'030	1	'010	4	'610	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'070	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'025	1	'090	1	'005	2	'045	2	'025	2	'195	
2	'010	1	'005	2	'020	1	'010	1	'020	3	'015	2	'020	1	'005	1	'005	1	'015	2	'015	2	'030	5	'425	
3	'055	2	'020	2	'085	1	'090	3	'025	—	—	2	'025	3	'040	1	'020	3	'080	2	'050	1	'055	5	1'435	
1	'005	2	'020	1	'055	1	'065	2	'060	2	'130	2	'175	2	'060	2	'075	2	'040	2	'135	3	'110	5	1'825	
2	'055	3	'090	2	'135	2	'135	2	'100	2	'105	2	'025	2	'025	2	'055	2	'030	2	'025	2	'060	4	1'585	
1	'030	1	'015	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'575	
1	'040	2	'055	2	'175	2	'050	3	'050	—	—	—	—	—	—	—	—	1	'020	—	—	1	'060	4	'725	
—	—	—	—	—	—	—	—	—	—	1	'005	—	—	1	'010	1	'055	1	'105	2	'085	2	'040	4	'530	
1	'025	1	'045	1	'035	1	'005	—	—	—	—	1	'005	2	'085	3	'235	2	'070	3	'075	3	'060	5	'885*	
3	'145	2	'030	1	'010	1	'015	1	'025	1	'005	2	'020	1	'005	1	'005	—	—	—	—	—	—	4	1'445	
—	—	1	'005	1	'005	1	'005	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'030	
1	'115	1	'010	1	'010	1	'005	—	—	—	—	2	'015	—	—	—	—	1	'010	—	—	—	—	4	'475	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'030	

which a fall of less than 0.01 in. was measured have been disregarded.
but which, owing to failure of the trace, could not be allocated to the hours at which it fell.

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL

Five-day Periods.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1889. July 30-4	—	in.	—	in.	—	in.	—	in.	—	in.	1	'010	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.		
" 5-9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 10-14	2	'020	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 15-19	—	—	1	'005	—	—	—	—	—	—	1	'005	—	—	—	—	1	'005	—	—	—	—	1	'005		
" 20-24	2	'035	3	'125	3	'125	4	'065	4	'130	2	'045	3	'060	4	'035	2	'035	2	'020	—	—	2	'020		
" 25-29	1	'205	—	—	2	'010	3	'025	1	'015	1	'015	1	'005	1	'035	—	—	1	'005	—	—	—	—		
Aug. 30-3	2	'010	—	—	—	—	1	'005	2	'065	3	'055	3	'160	1	'010	—	—	—	—	1	'005	—	—		
" 4-8	1	'005	—	—	—	—	2	'035	1	'010	2	'035	2	'010	1	'005	2	'035	2	'015	—	—	1	'030		
" 9-13	1	'010	2	'030	1	'150	1	'115	1	'020	1	'110	1	'010	—	—	—	—	1	'005	1	'040	—	—		
" 14-18	2	'010	2	'040	1	'065	2	'115	2	'125	3	'055	3	'110	3	'060	2	'050	1	'015	1	'065	1	'005		
" 19-23	2	'210	2	'045	2	'125	2	'100	2	'055	3	'105	2	'115	2	'165	3	'175	2	'170	1	'130	2	'305		
" 24-28	2	'025	1	'020	1	'005	1	'005	—	—	1	'005	2	'020	1	'025	1	'020	—	—	1	'065	1	'045		
Sept. 29-2	—	—	—	—	—	—	1	'015	2	'015	1	'220	2	'015	1	'010	—	—	1	'010	1	'010	1	'030		
" 3-7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	2	'020	1	'005	—	—	—	—		
" 8-12	1	'010	—	—	1	'010	1	'085	1	'220	1	'005	2	'010	1	'010	1	'070	1	'020	—	—	—	—		
" 13-17	2	'085	1	'050	1	'045	1	'005	1	'120	1	'070	1	'085	1	'085	1	'075	1	'060	1	'030	1	'040		
" 18-22	2	'030	1	'025	1	'005	1	'005	—	—	—	—	1	'010	1	'050	1	'040	1	'010	—	—	—	—		
" 23-27	—	—	—	—	—	—	—	—	1	'010	—	—	2	'020	2	'015	2	'010	—	—	—	—	1	'005		
Oct. 28-2	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—		
" 3-7	2	'025	1	'005	3	'040	2	'050	2	'050	3	'090	2	'015	2	'065	4	'110	1	'030	1	'020	1	'065		
" 8-12	2	'040	3	'060	3	'045	2	'055	3	'115	2	'020	1	'060	2	'050	4	'130	2	'010	1	'005	1	'005		
" 13-17	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	1	'045	2	'110	2	'080	1	'100	1	'030		
" 18-22	2	'075	2	'050	2	'110	2	'180	2	'220	3	'190	2	'215	1	'125	1	'005	1	'065	1	'060	2	'065		
" 23-27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Nov. 28-1	1	'065	1	'005	2	'015	2	'020	2	'020	1	'010	1	'005	1	'005	1	'005	1	'005	2	'015	2	'125		
" 2-6	1	'010	2	'035	1	'030	2	'040	2	'025	2	'060	1	'110	—	—	1	'035	2	'015	—	—	1	'005		
" 7-11	1	'005	2	'010	2	'010	2	'015	1	'005	2	'010	2	'015	1	'005	2	'015	2	'010	1	'085	1	'015		
" 12-16	1	'010	1	'010	2	'035	1	'005	1	'015	1	'002	—	—	—	—	—	—	1	'003	—	—	—	—		
" 17-21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 22-26	3	'165	1	'070	1	'050	2	'070	—	—	1	'005	1	'010	1	'005	—	—	1	'010	—	—	2	'075		
Dec. 27-1	3	'140	3	'110	3	'040	2	'115	3	'060	3	'100	4	'100	2	'035	3	'075	3	'040	2	'030	2	'040		
" 2-6	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—			
" 7-11	—	—	2	'040	3	'025	2	'030	5	'060	3	'085	4	'085	3	'055	3	'070	3	'095	2	'045	5	'055		
" 12-16	1	'020	—	—	1	'020	2	'040	2	'035	3	'065	2	'035	2	'115	2	'050	3	'015	1	'005	1	'005		
" 17-21	2	'025	3	'070	2	'020	3	'030	2	'015	2	'125	3	'105	4	'115	2	'080	3	'090	2	'050	2	'105		
" 22-26	1	'225	1	'070	1	'040	1	'005	—	—	1	'035	1	'005	1	'005	1	'010	—	—	1	'060	2	'060		
" 27-31	1	'155	2	'085	1	'120	1	'060	1	'005	—	—	2	'015	2	'020	1	'025	1	'010	1	'005	2	'010		

NOTE.—In estimating the number of DAYS on which Rain fell, those on
 * This total exceeds the sum of the hourly totals by an amount of rain which was measured

AMOUNTS of RAINFALL registered therein, for FIVE-DAY PERIODS—*continued.*

P.M.												Midt.		Totals for the Five Days.	
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.				
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Days (see Note).	Amount.
—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	ina.
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	ore
—	—	1	.210	—	—	—	—	1	.005	—	—	1	.025	3	.265
—	—	—	—	1	.010	—	—	1	.050	—	—	1	.030	3	.265
3	.015	1	.005	1	.005	—	—	1	.030	2	.110	3	.140	2	.100
1	.010	1	.005	—	—	—	—	1	.010	—	—	1	.005	1	.035
1	.005	1	.100	1	.015	1	.020	1	.050	1	.180	2	.195	1	.080
2	.075	2	.060	1	.050	1	.140	2	.125	1	.070	2	.025	2	.015
2	.055	3	.015	1	.005	1	.055	1	.010	—	—	1	.025	1	.010
2	.010	2	.010	1	.005	1	.005	2	.015	2	.190	2	.085	1	.020
2	.325	1	.185	1	.165	3	.135	2	.055	2	.010	1	.070	—	—
1	.100	—	—	1	.050	—	—	—	—	—	—	—	—	—	—
1	.010	—	—	—	—	1	.005	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	.005	—	—	—	—	—	—	2	.075	1	.155	1	.050	1	.115
1	.030	1	.045	—	—	—	—	—	—	1	.005	1	.030	—	—
—	—	1	.005	—	—	1	.005	—	—	—	—	—	—	—	—
1	.010	2	.060	1	.040	1	.075	1	.135	1	.125	2	.115	1	.070
—	—	1	.030	1	.090	1	.030	1	.075	—	—	—	—	—	—
2	.010	1	.005	1	.005	2	.015	2	.055	2	.100	3	.155	3	.130
3	.055	—	—	1	.005	1	.055	2	.020	1	.080	1	.040	1	.010
1	.030	2	.010	—	—	—	—	1	.005	—	—	—	—	1	.040
1	.100	1	.035	2	.010	2	.150	2	.185	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	.150	1	.085	2	.030	1	.040	2	.010	1	.010	1	.005	2	.030
1	.005	—	—	—	—	2	.030	—	—	1	.005	—	—	1	.055
1	.010	1	.015	1	.010	1	.010	1	.010	1	.010	1	.015	1	.010
—	—	—	—	—	—	1	.030	1	.050	1	.050	1	.035	1	.045
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	.275	1	.150	2	.065	1	.035	1	.015	2	.010	—	—	1	.010
2	.010	—	—	1	.035	1	.035	2	.020	1	.030	2	.035	2	.085
—	—	—	—	—	—	—	—	2	.020	2	.080	2	.130	2	.200
1	.005	2	.030	3	.015	2	.110	2	.035	—	—	2	.010	1	.010
1	.005	1	.060	2	.095	2	.070	2	.180	2	.105	2	.040	1	.005
3	.200	2	.315	3	.105	3	.045	1	.010	1	.025	4	.090	2	.030
—	—	1	.005	1	.005	—	—	—	—	1	.005	—	—	1	.025
2	.050	2	.025	1	.005	—	—	1	.015	1	.035	2	.065	2	.155

which a fall of less than 0.01 in. was measured have been disregarded, but which, owing to failure of the trace, could not be allocated to the hours at which it fell.

VALENCIA OBSERVATORY

TABLE VI.—HOURLY and DAILY MEANS of
Barometer Cistern, 23 feet

1889.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	ins. 30'144	ins. 30'136	ins. 30'132	ins. 30'129	ins. 30'121	ins. 30'116	ins. 30'115	ins. 30'118	ins. 30'130	ins. 30'136	ins. 30'144	ins. 30'146	ins. 30'146
Feb. -	30'083	30'076	30'068	30'060	30'049	30'041	30'041	30'037	30'046	30'054	30'063	30'070	30'079
March	30'003	29'997	29'993	29'987	29'983	29'982	29'987	29'991	30'000	30'005	30'011	30'011	30'015
April -	29'774	29'770	29'763	29'757	29'753	29'753	29'756	29'762	29'768	29'767	29'771	29'771	29'768
May -	29'741	29'735	29'729	29'720	29'712	29'713	29'717	29'722	29'729	29'733	29'737	29'741	29'744
June -	30'034	30'032	30'030	30'025	30'022	30'023	30'027	30'030	30'035	30'036	30'039	30'039	30'040
July -	29'967	29'959	29'952	29'942	29'936	29'935	29'937	29'938	29'943	29'946	29'951	29'954	29'957
August	29'880	29'875	29'869	29'864	29'859	29'855	29'860	29'865	29'873	29'876	29'882	29'884	29'885
Sept. -	30'052	30'047	30'041	30'035	30'029	30'027	30'031	30'034	30'039	30'043	30'047	30'046	30'047
Oct. -	29'697	29'694	29'690	29'684	29'680	29'681	29'683	29'684	29'690	29'696	29'697	29'697	29'696
Nov. -	30'149	30'147	30'148	30'148	30'147	30'148	30'150	30'151	30'159	30'166	30'171	30'172	30'166
Dec. -	30'061	30'054	30'051	30'050	30'048	30'043	30'042	30'043	30'052	30'063	30'073	30'076	30'067
Year -	29'965	29'960	29'956	29'950	29'945	29'943	29'946	29'948	29'955	29'960	29'966	29'967	29'968

TABLE VII.—HOURLY and DAILY MEANS of
Thermometer, 12

1889.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	44'6	44'7	44'5	44'7	44'5	44'9	44'9	45'0	45'0	45'2	45'7	46'5	46'9
Feb. -	43'8	43'7	43'7	43'7	43'6	43'6	43'3	43'7	43'3	44'2	44'9	45'8	46'1
March	43'8	43'7	43'5	43'3	43'0	43'0	42'7	42'6	42'7	44'2	45'4	47'1	47'8
April -	44'6	44'6	44'5	44'2	44'1	43'7	43'7	44'4	45'4	46'8	47'8	48'5	49'3
May -	50'2	50'0	49'8	49'5	49'3	49'3	49'7	50'7	51'5	52'4	52'9	53'7	54'0
June -	54'1	53'8	53'4	53'2	52'9	53'1	53'6	55'1	56'5	58'1	59'2	59'6	60'4
July -	55'2	55'2	55'0	54'6	54'3	54'4	55'0	56'5	57'8	59'2	60'1	61'5	61'8
August	56'3	56'2	55'9	55'9	56'0	56'2	56'0	56'5	57'2	58'2	58'7	59'2	59'8
Sept. -	56'5	56'2	56'1	56'0	56'0	55'9	55'7	55'8	56'2	57'3	58'3	59'5	59'8
Oct. -	48'4	48'2	48'0	47'5	47'9	47'9	47'9	47'8	47'9	49'1	50'3	51'8	52'2
Nov. -	48'9	48'8	48'5	48'4	48'2	48'2	47'9	48'1	48'0	48'8	49'3	50'1	50'5
Dec. -	46'9	46'8	46'5	46'6	46'6	46'7	46'4	46'6	46'5	46'9	47'2	47'7	48'1
Year -	49'4	49'3	49'1	49'0	48'9	48'9	48'9	49'4	49'8	50'9	51'7	52'6	53'1

TABLE VIII.—HOURLY and DAILY MEAN DIFFERENCE between the DRY-BULB

1889.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	1'3	1'1	1'1	1'2	1'1	1'2	1'3	1'2	1'2	1'3	1'5	1'8	1'8
Feb. -	1'7	1'5	1'6	1'5	1'5	1'4	1'2	1'4	1'1	1'4	1'6	2'0	2'3
March	1'5	1'5	1'5	1'4	1'5	1'5	1'5	1'4	1'3	1'8	2'2	2'8	3'0
April -	1'9	1'8	1'9	1'7	1'9	1'7	1'7	1'7	2'2	2'6	3'0	3'3	3'7
May -	1'2	1'2	1'2	1'0	1'1	1'1	1'1	1'3	1'6	1'9	2'1	2'5	2'7
June -	2'3	2'2	2'2	2'2	2'1	2'1	2'0	2'4	2'8	3'5	4'2	4'0	4'4
July -	2'5	2'5	2'4	2'3	2'3	2'2	2'3	2'7	3'4	3'9	4'4	5'0	5'1
August	2'3	2'3	2'3	2'3	2'3	2'5	2'5	2'6	2'9	3'2	3'6	3'5	3'9
Sept. -	2'6	2'4	2'5	2'4	2'5	2'5	2'6	2'4	2'7	2'9	3'5	3'8	4'1
Oct. -	2'7	2'5	2'6	2'2	2'5	2'5	2'5	2'5	2'5	2'7	3'1	3'7	4'0
Nov. -	2'1	2'1	2'0	1'9	1'9	1'8	1'6	1'8	1'7	2'0	2'0	2'2	2'3
Dec. -	2'0	2'0	1'9	2'0	2'1	2'1	2'0	2'0	2'0	2'0	2'2	2'3	2'4
Year -	2'0	1'9	1'9	1'8	1'9	1'9	1'9	2'0	2'1	2'4	2'8	3'1	3'3

LAT. 51° 55' N. LONG. 10° 18' W.

PRESSURE for each CALENDAR MONTH and for the YEAR.
above Mean Sea Level.

P.M.											Midt.	Daily Means (Month).	1889.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
ins. 30°136	ins. 30°130	ins. 30°129	ins. 30°132	ins. 30°134	ins. 30°137	ins. 30°140	ins. 30°143	ins. 30°143	ins. 30°142	ins. 30°141	ins. 30°140	ins. 30°134	Jan.
30°075	30°070	30°067	30°070	30°069	30°077	30°083	30°087	30°083	30°084	30°082	30°080	30°068	Feb.
30°013	30°007	30°003	30°000	30°000	30°005	30°011	30°015	30°016	30°017	30°017	30°015	30°003	March.
29°762	29°756	29°748	29°741	29°739	29°741	29°743	29°730	29°752	29°750	29°747	29°744	29°756	April.
29°746	29°750	29°750	29°749	29°749	29°750	29°751	29°753	29°758	29°757	29°753	29°749	29°739	May.
30°039	30°039	30°037	30°037	30°036	30°040	30°044	30°050	30°057	30°066	30°066	30°066	30°040	June.
29°956	29°955	29°954	29°951	29°948	29°949	29°951	29°952	29°955	29°956	29°953	29°949	29°950	July.
29°886	29°886	29°883	29°878	29°874	29°874	29°874	29°881	29°888	29°888	29°888	29°887	29°877	August.
30°046	30°043	30°040	30°038	30°037	30°039	30°042	30°049	30°051	30°052	30°051	30°049	30°042	Sept.
29°690	29°684	29°680	29°677	29°677	29°682	29°684	29°682	29°681	29°676	29°672	29°668	29°685	Oct.
30°156	30°149	30°145	30°148	30°151	30°158	30°164	30°170	30°171	30°175	30°172	30°174	30°158	Nov.
30°058	30°052	30°050	30°054	30°059	30°065	30°068	30°071	30°071	30°069	30°069	30°070	30°059	Dec.
29°964	29°960	29°957	29°956	29°956	29°960	29°963	29°965	29°969	29°969	29°968	29°966	29°959	Year.

TEMPERATURE for each CALENDAR MONTH and for the YEAR.
feet above Ground.

P.M.											Midt.	Daily Means (Month).	Means of Daily		1889.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		Max.	Min.	
47°4	47°4	47°5	46°9	46°1	45°6	45°5	45°3	44°8	45°0	45°1	44°7	45°5	48°5	41°4	Jan.
46°5	46°3	46°4	46°0	45°5	44°7	44°0	43°8	44°0	43°6	43°4	43°3	44°4	48°0	40°0	Feb.
48°3	48°4	48°5	48°4	47°9	47°0	45°9	45°2	45°1	44°7	44°5	44°3	45°2	49°6	41°4	March.
49°7	50°1	50°0	50°2	49°7	48°9	47°8	46°5	46°2	45°7	45°2	44°5	46°6	51°5	41°6	April.
54°6	54°5	55°0	54°9	54°9	54°2	53°5	52°3	51°4	51°0	50°8	50°4	52°0	56°6	48°1	May.
61°0	61°0	60°9	60°9	60°6	59°9	59°2	57°7	55°9	54°9	54°5	54°1	56°9	62°8	51°7	June.
62°3	62°3	62°7	62°1	62°0	61°4	60°2	59°0	57°4	56°4	55°9	55°4	58°3	64°4	52°8	July.
60°1	60°0	60°1	59°5	59°5	58°6	57°9	57°0	56°7	56°3	56°4	56°2	57°6	61°4	54°3	August.
60°4	60°4	60°5	59°9	59°2	58°2	57°5	57°0	56°8	56°5	56°6	56°4	57°5	61°7	54°2	Sept.
52°5	52°6	52°6	52°0	51°4	50°2	49°6	49°3	49°1	48°8	48°6	48°4	49°6	54°2	45°1	Oct.
50°7	51°0	50°8	50°3	50°0	49°6	49°5	49°0	48°9	48°9	49°1	48°8	49°2	52°1	46°2	Nov.
48°2	48°3	48°3	48°1	47°9	47°9	47°7	47°4	47°3	47°0	46°9	46°6	47°2	50°2	43°2	Dec.
53°5	53°5	53°6	53°3	52°9	52°2	51°5	50°8	50°3	49°9	49°8	49°4	50°8	55°1	46°7	Year.

and WET-BULB THERMOMETERS, for each CALENDAR MONTH and for the YEAR.

P.M.											Midt.	Daily Means (Month).	1889.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
1°9	1°9	2°1	1°9	1°7	1°4	1°5	1°4	1°1	1°3	1°4	1°2	1°4	Jan.
2°7	2°8	2°8	2°9	2°8	2°6	2°2	2°2	2°3	2°2	2°2	1°9	1°9	Feb.
3°1	3°2	3°1	3°1	2°8	2°6	2°2	2°2	1°9	1°7	1°6	1°7	2°0	March.
3°6	3°9	3°6	3°8	3°6	3°4	2°8	2°3	2°3	2°1	2°0	2°8	2°5	April.
2°8	2°8	2°9	2°9	2°9	2°7	2°3	1°9	1°4	1°3	1°3	1°2	1°8	May.
4°7	4°8	4°8	4°9	4°7	4°3	4°1	3°4	2°9	2°6	2°3	2°3	3°3	June.
5°3	5°4	5°6	5°4	5°4	5°1	4°6	4°0	3°5	3°0	2°7	2°5	3°7	July.
4°0	4°1	4°2	3°8	4°0	3°6	3°2	2°8	2°6	2°4	2°5	2°4	3°0	August.
4°3	4°4	4°5	4°2	3°7	3°2	3°0	2°7	2°5	2°5	2°5	2°6	3°0	Sept.
4°2	4°4	4°2	3°9	3°6	3°2	3°1	2°9	2°8	2°8	2°8	2°6	3°1	Oct.
2°3	2°5	2°3	2°2	2°2	2°1	2°2	1°9	1°9	2°0	2°0	2°0	2°0	Nov.
2°5	2°4	2°3	2°4	2°4	2°5	2°3	2°2	1°9	1°9	2°0	2°0	2°1	Dec.
3°4	3°6	3°5	3°5	3°3	3°1	2°8	2°5	2°2	2°1	2°1	2°0	2°5	Year.

VALENCIA OBSERVATORY

TABLE IX.—MEAN HOURLY and DAILY WIND

1889.	A.M.																				Noon.			
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
January	- 6'2	- 1'4	- 6'5	- 2'0	- 6'9	- 2'0	- 4'3	- 2'3	- 5'3	- 2'1	- 4'8	- 1'5	- 5'3	- 1'3	- 4'9	- 2'3	- 5'8	- 1'4	- 6'3	- 2'1	- 6'1	- 3'2	- 6'4	- 4'0
February	+ 1'2	- 7'0	+ 1'9	- 6'7	+ 2'8	- 7'5	+ 1'9	- 8'9	+ 2'7	- 8'6	+ 2'3	- 9'6	+ 3'5	- 9'3	+ 4'8	- 6'3	+ 4'8	- 7'3	+ 5'3	- 8'0	+ 6'7	- 6'0	+ 6'9	- 6'7
March	- 2'6	- 3'2	- 2'7	- 3'6	- 0'7	- 2'2	+ 0'4	- 2'8	+ 0'7	- 2'2	+ 0'1	- 1'9	- 0'4	- 1'3	- 0'9	- 2'5	- 1'1	- 1'8	- 0'4	- 1'4	- 1'4	- 2'4	- 0'8	- 2'4
April	+ 2'5	- 1'3	+ 3'0	- 1'5	+ 2'9	- 1'8	+ 2'6	- 1'6	+ 2'2	- 2'0	+ 1'3	- 2'6	+ 1'7	- 3'8	+ 1'8	- 3'3	+ 2'3	- 2'7	+ 2'5	- 4'5	+ 1'5	- 4'1	+ 1'4	- 4'5
May	- 3'3	+ 0'1	- 3'9	+ 0'7	- 4'3	+ 1'3	- 2'9	+ 0'9	- 3'5	+ 0'9	- 4'2	+ 2'0	- 5'5	+ 0'9	- 5'5	+ 0'6	- 5'5	- 1'2	- 6'5	- 1'3	- 5'0	- 3'1	- 6'4	- 4'0
June	- 1'8	0'0	- 1'5	- 0'1	- 2'0	+ 1'1	- 2'4	+ 1'1	- 2'2	+ 0'5	- 2'4	+ 0'6	- 2'3	+ 0'6	- 2'5	+ 1'4	- 2'5	+ 0'7	- 2'9	- 0'9	- 2'7	- 3'6	- 3'6	- 3'5
July	+ 0'3	- 2'4	+ 0'5	- 2'5	- 0'2	- 2'3	+ 0'6	- 2'9	+ 0'1	- 3'7	+ 0'1	- 3'6	+ 1'4	- 3'0	+ 1'8	- 3'4	+ 2'1	- 4'3	+ 2'0	- 3'7	+ 2'1	- 4'7	+ 2'5	- 5'8
August	- 3'8	- 6'3	- 3'1	- 4'5	- 4'4	- 4'7	- 5'4	- 6'2	- 4'8	- 7'5	- 2'5	- 6'2	- 3'1	- 4'9	- 2'8	- 8'0	- 2'8	- 8'8	- 2'5	- 8'8	- 3'4	- 9'3	- 3'9	- 9'7
September	- 2'5	- 0'7	- 2'3	0'0	- 3'3	- 0'4	- 2'7	0'0	- 1'5	+ 0'4	- 1'9	- 0'8	- 1'4	- 0'6	- 1'5	0'0	- 2'7	+ 0'3	- 4'9	+ 0'5	- 4'8	- 0'1	- 5'2	- 0'1
October	+ 1'7	- 3'6	+ 1'9	- 4'0	+ 2'0	- 3'2	+ 2'6	- 4'3	+ 1'6	- 3'1	+ 0'5	- 3'5	- 0'3	- 3'0	+ 1'1	- 4'1	+ 2'4	- 3'2	+ 1'4	- 3'5	+ 0'8	- 4'1	+ 2'2	- 5'5
November	- 5'3	- 0'7	- 5'6	- 6'0	- 5'1	- 1'6	- 4'9	- 0'6	- 5'3	- 0'8	- 5'5	- 0'8	- 5'1	- 0'8	- 5'6	+ 1'7	- 6'0	+ 1'3	- 6'5	+ 1'2	- 7'3	+ 1'1	- 8'8	+ 0'9
December	- 11'7	- 3'3	- 11'5	- 2'8	- 12'1	- 3'7	- 11'5	- 2'9	- 11'1	- 2'1	- 12'2	- 3'7	- 11'3	- 2'5	- 9'8	- 1'2	- 10'4	- 1'5	- 12'0	- 1'0	- 12'0	- 0'3	- 12'8	- 1'2
Year	- 2'6	- 2'5	- 2'5	- 2'8	- 2'6	- 2'3	- 2'2	- 2'5	- 2'2	- 2'5	- 2'4	- 2'6	- 2'3	- 2'4	- 2'0	- 2'3	- 2'1	- 2'5	- 2'6	- 2'8	- 2'6	- 3'3	- 2'9	- 3'9

TABLE X.—NUMBER of HOURS in which RAIN fell, and the
Rain-gauge 2 feet above Ground;

1889.	A.M.																		Noon.					
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.
January	2	in. '140	6	in. '235	6	in. '325	8	in. '295	9	in. '160	6	in. '115	6	in. '200	9	in. '185	7	in. '170	8	in. '135	6	in. '265	4	in. '220
February	8	'185	8	'175	10	'415	12	'505	10	'370	13	'345	11	'300	9	'215	12	'210	5	'080	3	'025	6	'120
March	8	'285	7	'455	6	'355	6	'110	9	'095	5	'100	6	'130	9	'150	10	'195	5	'050	2	'020	1	'005
April	6	'135	4	'150	6	'170	5	'165	6	'140	4	'055	7	'100	6	'125	9	'145	5	'120	4	'075	4	'055
May	11	'440	7	'285	7	'245	9	'370	8	'215	7	'185	7	'215	9	'205	11	'230	11	'185	4	'195	6	'260
June	—	—	2	'030	1	'097	1	'073	2	'070	3	'110	2	'095	4	'125	3	'170	2	'115	3	'250	4	'255
July	6	'265	4	'130	5	'135	8	'095	5	'145	4	'065	5	'080	6	'080	3	'040	3	'025	—	—	3	'025
August	9	'265	7	'135	5	'345	9	'385	10	'290	13	'365	13	'415	7	'255	8	'280	6	'205	5	'305	5	'385
September	5	'125	2	'075	3	'060	4	'100	3	'350	3	'295	7	'135	7	'175	8	'220	5	'105	2	'040	3	'075
October	7	'145	7	'120	9	'205	7	'295	8	'390	8	'300	6	'295	7	'290	12	'360	6	'185	6	'200	7	'290
November	9	'310	8	'140	9	'160	9	'155	7	'090	9	'182	7	'225	4	'045	6	'125	10	'085	3	'115	6	'135
December	6	'510	9	'360	9	'235	10	'265	11	'145	11	'320	13	'255	12	'310	9	'235	10	'210	7	'165	12	'235
Year	82	2'805	71	2'290	76	2'747	88	2'813	88	2'460	86	2'437	90	2'445	89	2'160	98	2'380	76	1'498	45	1'655	61	2'060

NOTE.—In estimating the number of DAYS on which Rain fell, those on which
* This total exceeds the sum of the hourly totals by an amount of rain which was measured.

LAT. 51° 55' N. LONG. 10° 18' W.

COMPONENTS for each CALENDAR MONTH and for the YEAR.

P.M.																						Midt.		Daily Means (Month).		1889.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
- 5'5	- 5'2	- 5'2	- 4'8	- 3'7	- 4'9	- 3'9	- 2'6	- 4'1	- 2'8	- 4'3	- 1'7	- 3'7	- 2'0	- 3'9	- 1'4	- 3'4	- 1'5	- 4'9	- 1'9	- 5'8	- 1'9	- 6'7	- 2'2	- 5'2	- 2'4	January.
+ 7'6	- 7'5	+ 6'4	- 8'8	+ 4'9	- 8'8	+ 6'9	- 8'5	+ 6'2	- 8'3	+ 6'5	- 7'9	+ 6'2	- 7'9	+ 5'3	- 8'3	+ 4'1	- 9'1	+ 5'1	- 8'5	+ 5'3	- 8'2	+ 3'2	- 8'1	+ 4'7	- 8'0	February.
- 1'8	- 4'0	- 1'1	- 3'6	- 0'8	- 3'2	- 1'2	- 3'2	- 0'7	- 3'4	- 0'2	- 3'2	- 0'1	- 2'4	+ 0'5	- 2'2	- 1'4	- 1'5	- 2'7	- 1'9	- 1'3	- 2'7	- 1'4	- 3'6	- 0'9	- 2'6	March.
+ 1'3	- 5'6	0'0	- 4'8	+ 1'0	- 4'4	+ 1'0	- 4'9	+ 2'3	- 3'8	+ 1'7	- 3'6	+ 1'8	- 3'7	+ 1'8	- 3'0	+ 1'3	- 3'5	+ 1'3	- 3'3	+ 2'3	- 2'2	+ 4'0	- 1'6	+ 1'9	- 3'3	April.
- 6'4	- 5'4	- 6'6	- 5'6	- 6'4	- 5'9	- 6'4	- 5'7	- 6'8	- 5'3	- 6'4	- 4'1	- 6'2	- 3'3	- 5'8	- 1'3	- 5'5	- 1'0	- 6'3	0'0	- 6'5	+ 0'4	- 6'3	+ 1'4	- 5'5	- 1'6	May.
- 2'8	- 5'2	- 2'7	- 6'3	- 2'6	- 5'8	- 1'6	- 6'6	- 1'2	- 5'9	0'0	- 5'5	0'0	- 3'5	- 0'1	- 1'8	+ 0'5	- 1'3	+ 1'0	- 0'2	+ 0'5	- 0'2	- 0'4	- 0'9	- 1'6	- 1'9	June.
+ 1'6	- 6'3	+ 2'6	- 6'0	+ 1'4	- 6'5	+ 2'1	- 6'1	+ 2'5	- 4'5	- 2'7	- 3'1	+ 2'2	- 2'4	+ 2'1	- 1'7	+ 1'5	- 1'5	+ 1'2	- 1'3	+ 0'6	- 2'1	- 0'1	- 2'3	+ 1'4	- 3'6	July.
- 3'9	- 9'2	- 4'4	- 10'0	- 4'5	- 10'1	- 5'2	- 8'2	- 4'8	- 6'9	- 4'5	- 6'3	- 3'7	- 6'4	- 3'5	- 6'6	- 2'8	- 5'7	- 3'3	- 4'5	- 4'0	- 5'7	- 3'4	- 6'5	- 3'8	- 7'1	August.
- 5'0	0'0	- 4'9	0'0	- 4'4	- 0'9	- 3'9	+ 0'2	- 3'8	+ 0'1	- 2'8	+ 0'1	- 2'0	- 0'5	- 2'9	- 0'8	- 1'6	+ 0'1	- 1'3	0'0	- 2'8	+ 0'4	- 2'5	- 0'9	- 3'0	- 0'2	September.
+ 1'8	- 6'0	+ 1'2	- 6'0	+ 1'1	- 6'1	+ 0'2	- 5'2	+ 1'4	- 5'0	+ 1'4	- 4'5	+ 0'7	- 3'4	+ 0'5	- 2'7	- 0'9	- 2'7	+ 0'1	- 3'4	+ 0'8	- 6'2	+ 1'2	- 3'7	+ 1'1	- 4'0	October.
- 8'2	+ 1'0	- 7'5	+ 0'8	- 7'3	+ 0'7	- 6'7	+ 0'5	- 5'8	+ 0'6	- 5'5	+ 1'0	- 5'8	+ 1'1	- 5'3	- 0'1	- 4'6	+ 1'4	- 6'4	+ 1'8	- 7'0	+ 2'0	- 7'1	+ 1'1	- 6'2	+ 0'5	November.
- 12'6	- 2'5	- 12'5	- 3'2	- 12'6	- 2'1	- 12'0	- 1'4	- 10'4	- 2'9	- 10'3	- 2'8	- 10'6	- 2'7	- 10'3	- 2'3	- 11'9	- 1'7	- 12'0	- 2'3	- 11'1	- 3'0	- 10'8	- 3'4	- 11'5	- 2'4	December.
- 2'8	- 4'7	- 2'9	- 4'9	- 2'8	- 4'8	- 2'6	- 4'3	- 2'1	- 4'0	- 2'3	- 3'5	- 1'8	- 3'1	- 1'8	- 2'7	- 2'1	- 2'3	- 2'4	- 2'1	- 2'4	- 2'5	- 2'5	- 2'6	- 2'4	- 3'1	Year.

TOTAL AMOUNTS of RAINFALL MEASURED, for each HOUR, and CALENDAR MONTH, and for the YEAR.

11 feet above Mean Sea Level.

P.M.																							Midt.		Monthly Totals.		1889.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Rainy Days.	Amount.		
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.				
6	in. '150	5	in. '240	4	in. '090	4	in. '115	2	in. '120	4	in. '145	7	in. '200	8	in. '405	6	in. '410	11	in. '230	5	in. '180	6	in. '125	21	ins. 8'080*	January.	
5	'115	3	'100	4	'105	4	'050	7	'090	5	'070	3	'030	7	'045	4	'045	5	'050	8	'175	9	'115	24	4'490*	February.	
5	'095	3	'145	—	—	4	'060	3	'025	2	'025	5	'125	5	'170	4	'155	5	'085	7	'150	6	'370	18	3'355	March.	
6	'190	5	'120	5	'135	3	'155	5	'080	4	'020	4	'045	6	'075	3	'115	6	'105	8	'140	6	'120	18	2'735	April.	
7	'170	9	'225	6	'400	6	'255	7	'210	5	'240	6	'220	7	'180	8	'420	8	'265	9	'320	11	'330	25	6'305*	May.	
3	'245	4	'045	3	'025	3	'025	2	'035	1	'005	3	'020	1	'005	1	'005	1	'010	—	—	—	—	11	1'810	June.	
4	'025	3	'220	2	'015	—	—	2	'025	4	'095	3	'115	5	'175	3	'150	5	'130	5	'070	4	'080	17	2'185	July.	
10	'570	9	'370	6	'290	7	'355	8	'255	6	'450	7	'395	5	'125	8	'135	7	'280	8	'335	7	'290	25	7'480	August.	
4	'055	4	'110	1	'040	3	'085	3	'210	2	'280	4	'170	3	'215	3	'100	4	'245	5	'145	3	'020	17	3'430	September.	
9	'345	6	'165	7	'140	7	'290	10	'350	4	'190	7	'265	5	'145	2	'200	5	'225	4	'215	7	'255	21	5'860	October.	
7	'300	2	'165	4	'110	6	'140	5	'095	6	'105	4	'145	7	'235	6	'300	7	'245	6	'170	6	'200	21	3'975	November.	
7	'260	8	'435	10	'225	7	'225	6	'240	7	'190	12	'285	9	'415	10	'400	12	'385	11	'450	7	'315	26	7'080*	December.	
73	2'520	61	2'340	52	1'575	54	1'755	60	1'735	50	1'815	65	2'015	68	2'190	58	2'435	76	2'255	76	2'350	72	2'220	244	56'785*	Year.	

a fall of less than 0'01 in. was measured have been disregarded.
but which, owing to failure of the trace, could not be allocated to the hours at which it fell.

ABERDEEN OBSERVATORY

TABLE XI.—NUMBER of OBSERVATIONS of WIND, and the MEAN VELOCITY, referred to Eight Points, for each
each HOUR and for the DAY; and the MAXIMUM VELOCITY
JANUARY 1889.

Points.	A.M.																				Noon.			
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	7	0	—	0	—	0	—	0	—
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
E	0	—	0	—	0	—	0	—	0	—	0	—	1	7	0	—	0	—	0	—	0	—	0	—
SE	5	15	3	17	4	19	4	18	4	21	6	17	5	19	4	17	5	22	4	18	5	20	3	22
S	9	14	11	15	10	13	12	13	10	15	8	16	8	11	10	12	9	14	8	14	5	12	8	17
SW	6	13	6	12	5	10	6	10	6	11	5	11	5	12	5	11	6	11	8	13	7	13	7	11
W	5	10	5	11	7	9	5	10	5	9	7	10	7	11	6	11	5	9	4	12	6	16	4	13
NW	0	—	0	—	0	—	0	—	1	17	0	—	2	11	1	14	1	14	2	12	2	10	4	20
Calms	6	—	6	—	5	—	4	—	5	—	5	—	3	—	4	—	5	—	5	—	6	—	5	—
Mean Velocity irrespective of Direction	—	11	—	11	—	10	—	11	—	12	—	11	—	11	—	11	—	12	—	12	—	12	—	13

FEBRUARY.

N	4	13	2	15	2	16	2	14	2	13	1	17	0	—	1	14	1	19	1	18	2	20	3	27
NE	0	—	0	—	0	—	0	—	0	—	1	16	0	—	0	—	0	—	0	—	0	—	0	—
E	0	—	0	—	1	19	1	19	0	—	0	—	1	15	2	14	1	25	0	—	0	—	0	—
SE	1	14	2	16	1	11	1	18	2	17	3	12	2	17	1	22	1	16	3	19	2	21	2	21
S	3	13	2	15	2	10	3	14	4	11	4	16	3	12	4	14	2	14	2	12	3	16	4	17
SW	6	12	6	12	6	12	5	12	3	17	3	13	2	14	3	16	3	12	4	20	1	24	1	26
W	9	25	6	28	7	23	7	25	9	20	7	26	9	21	5	24	10	19	6	19	9	18	6	18
NW	5	22	10	18	9	21	9	16	8	20	8	18	9	28	11	19	7	24	11	20	10	20	11	18
Calms	0	—	0	—	0	—	0	—	0	—	1	—	2	—	1	—	3	—	1	—	1	—	1	—
Mean Velocity irrespective of Direction	—	18	—	18	—	18	—	18	—	18	—	18	—	19	—	18	—	17	—	18	—	19	—	19

MARCH.

N	1	17	1	17	1	15	1	15	0	—	0	—	0	—	1	6	1	7	2	13	1	13	2	13
NE	1	12	1	16	2	14	1	20	1	35	1	36	1	38	2	28	1	44	1	40	2	26	1	42
E	1	26	1	22	2	17	1	10	2	17	1	9	1	22	0	—	1	22	1	18	0	—	1	9
SE	4	13	3	12	1	14	3	15	3	10	4	15	5	12	3	12	3	13	4	10	5	11	5	13
S	3	11	7	11	8	10	3	10	4	10	5	12	3	15	4	12	7	12	3	16	3	16	5	14
SW	6	9	4	10	3	13	5	12	5	11	4	12	3	11	4	10	1	7	5	10	3	18	1	19
W	7	14	8	15	9	12	6	16	8	13	5	9	11	14	8	10	8	15	6	21	7	16	6	18
NW	2	19	3	16	3	25	4	20	4	21	8	20	5	17	8	21	8	20	8	19	8	20	9	20
Calms	6	—	3	—	2	—	7	—	4	—	3	—	2	—	1	—	1	—	1	—	2	—	1	—
Mean Velocity irrespective of Direction	—	10	—	12	—	13	—	12	—	12	—	13	—	14	—	14	—	16	—	16	—	16	—	17

APRIL.

N	3	15	1	20	1	17	2	12	3	14	2	14	3	12	3	13	2	18	3	20	2	20	3	24
NE	1	30	1	27	1	28	0	—	1	16	4	22	1	22	2	28	2	18	1	23	2	24	0	—
E	6	18	7	17	6	20	7	21	7	21	4	19	7	23	6	23	9	22	9	20	9	24	10	22
SE	5	15	2	20	3	18	3	17	4	16	4	17	5	18	4	20	4	15	3	13	5	20	6	17
S	4	11	5	10	4	13	5	15	3	13	5	13	2	15	6	15	2	16	4	15	2	16	2	20
SW	1	7	2	11	2	10	2	14	2	15	0	—	2	14	0	—	2	13	2	16	2	14	1	20
W	3	18	2	16	3	22	2	15	4	17	4	16	3	16	3	24	2	30	3	27	1	12	3	25
NW	4	15	9	13	7	10	7	12	4	13	5	15	5	18	4	20	5	22	4	21	7	25	5	20
Calms	3	—	1	—	3	—	2	—	2	—	2	—	2	—	2	—	2	—	1	—	0	—	0	—
Mean Velocity irrespective of Direction	—	14	—	14	—	14	—	14	—	15	—	15	—	17	—	18	—	18	—	18	—	18	—	21

LAT. 57° 10' N. LONG. 2° 6' W.

Hour and for the DAY, for each CALENDAR MONTH. Also the MEAN VELOCITY irrespective of DIRECTION, for observed during the MONTH from each of the Eight Points.

JANUARY 1889.

P.M.																				Midt.		Monthly Totals and Means.		Maximum Velocity.		
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.					24.	
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.				No.	V.
1	10	1	9	1	11	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	11	0	—	5	10	11
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—
0	—	0	—	0	—	1	12	0	—	0	—	1	12	0	—	0	—	1	8	0	—	0	—	4	10	12
6	21	4	21	5	23	3	29	4	27	5	18	4	30	4	23	5	18	4	22	3	18	3	20	102	20	34
8	12	9	15	7	15	9	14	8	15	4	17	7	15	5	13	7	15	8	14	13	14	12	14	205	14	30
5	10	2	17	4	16	3	13	6	10	10	13	8	11	10	13	6	14	6	12	4	8	6	12	142	12	29
7	18	6	18	6	18	10	15	8	13	6	17	5	17	4	18	7	14	4	16	7	16	5	15	141	13	44
0	—	3	17	2	18	2	8	1	8	2	8	2	11	3	10	2	11	2	11	1	11	1	11	34	13	42
4	—	6	—	6	—	3	—	4	—	4	—	4	—	5	—	4	—	6	—	2	—	4	—	111	—	—
—	13	—	13	—	14	—	14	—	13	—	13	—	13	—	12	—	13	—	12	—	13	—	12	—	—	—

FEBRUARY.

2	23	3	16	1	9	3	11	3	10	2	8	3	7	1	21	1	21	2	18	3	15	4	12	49	15	41
1	35	1	28	1	27	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	27	35
0	—	0	—	1	19	0	—	0	—	0	—	1	22	1	21	1	21	1	26	1	31	1	27	13	21	31
2	22	2	17	2	19	2	18	1	24	1	23	0	—	0	—	2	16	1	7	1	12	0	—	35	17	31
5	15	2	14	1	8	2	9	1	7	2	11	3	9	2	11	2	14	3	17	3	15	3	11	65	13	28
2	17	4	15	6	16	5	15	7	12	4	12	5	14	6	14	5	16	5	15	4	14	5	17	101	14	32
6	21	6	21	7	19	7	18	4	17	7	17	7	15	8	16	7	20	6	19	4	30	9	24	168	21	57
10	18	9	17	9	14	9	17	11	14	10	13	8	19	9	13	9	13	9	17	10	16	4	20	215	18	45
0	—	1	—	0	—	0	—	1	—	2	—	1	—	1	—	1	—	1	—	2	—	2	—	22	—	—
—	19	—	17	—	16	—	16	—	13	—	13	—	14	—	14	—	15	—	17	—	17	—	17	—	—	—

MARCH.

1	10	1	11	2	12	2	13	3	17	2	18	2	17	1	24	1	23	1	21	1	19	1	19	29	15	33
1	46	1	42	1	43	1	39	0	—	1	12	1	10	1	11	2	12	2	11	1	11	0	—	27	25	46
1	8	0	—	0	—	1	10	1	13	1	16	1	15	1	16	0	—	0	—	1	6	1	11	20	15	26
6	12	7	13	5	15	7	14	4	14	4	14	4	19	4	18	4	17	4	15	3	16	4	14	99	14	27
5	15	4	14	5	12	3	13	5	11	4	12	1	9	3	11	5	11	4	10	5	10	5	10	104	12	24
3	13	2	15	0	—	3	15	2	17	3	17	9	12	6	12	7	10	7	12	7	11	6	10	99	12	21
2	24	5	20	6	20	5	21	6	18	5	15	2	15	3	14	4	14	6	11	7	12	4	14	144	15	38
11	20	9	19	8	19	7	17	6	18	5	16	3	20	3	15	2	21	3	14	2	17	4	14	133	19	44
1	—	2	—	4	—	2	—	4	—	6	—	8	—	9	—	6	—	4	—	4	—	6	—	89	—	—
—	17	—	16	—	15	—	15	—	14	—	12	—	11	—	10	—	11	—	11	—	11	—	10	—	13	—

APRIL.

2	22	3	22	3	18	4	21	5	13	3	21	3	13	3	16	1	9	1	31	1	9	3	14	60	17	33
2	23	1	20	2	20	4	14	3	22	3	14	2	21	2	19	2	21	2	19	2	15	1	25	42	20	31
8	21	9	20	10	19	6	21	7	21	7	17	4	27	3	24	6	19	5	20	7	22	7	19	166	21	36
7	19	5	19	5	17	6	16	5	17	8	16	10	16	11	14	9	14	7	15	7	15	6	15	134	16	34
2	19	2	22	2	19	1	17	2	17	2	17	3	12	3	14	2	13	2	16	1	12	3	12	69	14	25
1	20	2	21	2	20	3	19	2	19	1	12	1	15	1	10	3	9	4	11	3	8	1	10	42	14	24
3	17	1	18	1	12	1	12	2	14	2	11	1	8	1	21	1	8	1	31	2	22	3	21	52	19	34
5	26	6	22	5	24	5	20	3	24	4	19	4	15	4	12	6	16	6	13	5	13	4	9	123	17	45
0	—	1	—	0	—	0	—	1	—	0	—	2	—	2	—	0	—	2	—	2	—	2	—	32	—	—
—	21	—	20	—	19	—	18	—	18	—	16	—	16	—	14	—	15	—	15	—	15	—	15	—	—	—

ABERDEEN.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and the

MAY 1889.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	1	8	1	8	1	8	0	—	2	8	0	—	2	11	2	14	0	—	1	20	1	19	0	—
NE	1	14	2	11	2	12	2	12	2	11	4	9	5	9	5	9	4	11	2	10	2	10	2	16
E	4	14	3	16	1	27	3	12	1	25	2	9	2	10	5	10	9	9	8	10	5	11	5	12
SE	8	9	2	9	7	10	5	10	7	9	6	11	8	11	5	13	11	12	11	13	21	14	20	14
S	4	8	7	8	1	9	5	9	2	8	3	12	4	10	6	11	2	10	4	13	1	7	3	18
SW	0	—	0	—	0	—	1	7	1	7	0	—	0	—	1	8	0	—	0	—	0	—	0	—
W	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	11	2	9	1	6	0	—	0	—
NW	2	12	3	10	3	11	3	9	3	11	4	10	1	11	0	—	1	17	1	19	1	21	1	21
Calms	11	—	13	—	16	—	12	—	13	—	12	—	9	—	6	—	2	—	3	—	0	—	0	—
Mean Velocity irrespective of Direction	—	7	—	6	—	6	—	6	—	6	—	6	—	7	—	9	—	10	—	11	—	13	—	14

JUNE.

N	3	9	2	11	2	9	2	9	2	9	3	9	2	9	4	9	4	11	1	14	3	13	3	13
NE	0	—	0	—	0	—	1	6	1	8	0	—	1	10	2	9	3	9	3	10	2	14	3	14
E	0	—	0	—	0	—	0	—	0	—	0	—	1	6	2	7	9	8	7	9	7	9	9	9
SE	1	20	0	—	1	15	1	14	1	10	2	8	2	9	4	10	5	14	13	13	13	14	10	15
S	4	7	5	11	5	9	3	8	4	9	6	9	5	9	5	12	4	11	1	18	1	18	3	18
SW	1	6	1	8	0	—	1	7	1	6	0	—	2	9	1	11	2	8	0	—	0	—	0	—
W	1	6	0	—	0	—	1	7	2	7	1	7	1	12	4	9	1	14	2	10	1	8	0	—
NW	5	9	4	10	5	9	7	8	6	9	3	10	5	10	4	10	1	16	2	15	2	10	1	11
Calms	15	—	18	—	17	—	14	—	13	—	15	—	11	—	4	—	1	—	1	—	1	—	1	—
Mean Velocity irrespective of Direction	—	4	—	4	—	4	—	4	—	5	—	4	—	6	—	8	—	10	—	11	—	12	—	13

JULY.

N	3	9	5	8	3	9	4	11	5	10	6	10	6	10	6	11	3	12	4	13	3	13	2	14
NE	0	—	1	10	1	11	0	—	0	—	1	13	1	9	3	15	1	11	5	16	3	16	4	18
E	2	10	1	11	2	13	2	13	2	16	1	19	2	18	0	—	7	12	5	11	5	13	3	9
SE	1	11	1	12	0	—	0	—	0	—	0	—	1	12	3	9	2	8	7	11	3	9	9	11
S	2	9	3	8	1	7	2	8	1	12	2	8	1	10	1	9	4	13	2	11	5	14	3	12
SW	1	6	0	—	0	—	1	6	1	7	0	—	1	8	1	9	1	11	1	10	2	9	1	6
W	6	12	4	14	5	11	4	14	4	13	4	15	3	14	2	21	1	15	1	20	1	7	1	20
NW	5	15	5	16	5	16	6	15	8	13	8	14	6	21	7	18	7	22	7	18	9	18	7	18
Calms	11	—	11	—	14	—	12	—	10	—	9	—	10	—	8	—	5	—	1	—	0	—	1	—
Mean Velocity irrespective of Direction	—	7	—	7	—	7	—	8	—	8	—	9	—	10	—	10	—	12	—	13	—	14	—	13

AUGUST.

N	0	—	1	12	1	12	0	—	0	—	1	11	0	—	0	—	0	—	1	14	4	11	2	17
NE	1	26	1	23	1	15	1	11	4	15	1	19	3	22	3	21	2	22	3	24	3	24	2	23
E	3	13	3	14	3	15	3	16	0	—	2	20	1	18	1	18	2	25	1	20	1	22	2	16
SE	1	11	1	11	1	11	1	11	1	10	1	10	0	—	2	11	1	12	4	12	5	10	6	12
S	6	10	4	11	3	9	3	10	2	7	2	8	2	10	5	9	5	13	4	9	7	10	5	11
SW	2	10	2	8	5	9	3	12	5	12	6	11	6	12	3	15	5	11	5	11	1	20	4	18
W	5	13	6	13	4	12	5	11	6	9	3	11	4	12	6	13	5	16	5	16	4	20	2	18
NW	6	13	4	14	4	14	4	15	4	16	7	12	5	17	5	19	6	19	6	18	5	17	7	16
Calms	7	—	9	—	9	—	11	—	9	—	8	—	10	—	6	—	5	—	2	—	1	—	1	—
Mean Velocity irrespective of Direction	—	10	—	9	—	9	—	8	—	8	—	9	—	10	—	12	—	13	—	14	—	14	—	15

ABERDEEN.

MEAN VELOCITY, &c. for each CALENDAR MONTH—*continued.*

MAY 1889.

P.M.																						Midt.		Monthly Totals and Means.		Maximum Velocity.	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
0	—	0	—	0	—	1	12	0	—	0	—	1	11	0	—	1	8	1	8	2	7	1	8	18	10	20	
2	17	3	12	2	11	2	10	2	14	2	12	3	8	3	8	2	7	1	6	0	—	1	11	56	10	21	
6	10	3	10	4	10	3	10	3	9	3	10	1	9	2	8	1	6	0	—	2	9	3	10	79	11	31	
21	16	19	15	19	15	17	15	17	13	17	13	12	12	22	11	6	10	7	11	7	9	7	9	272	13	29	
1	21	5	18	5	17	7	15	8	16	7	15	12	11	10	10	13	11	11	9	6	8	7	8	134	11	22	
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	13	1	13	5	10	13	
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	9	11	
1	21	1	18	1	17	1	16	1	16	1	16	1	18	1	14	1	15	2	13	2	11	2	13	38	13	21	
0	—	0	—	0	—	0	—	0	—	1	—	1	—	3	—	7	—	9	—	11	—	9	—	138	—	—	
—	15	—	15	—	14	—	14	—	14	—	13	—	11	—	9	—	8	—	7	—	6	—	7	—	10	—	

JUNE.

2	14	0	—	0	—	0	—	1	17	1	17	3	12	3	10	3	10	2	10	3	10	2	10	51	11	17
4	15	5	13	8	16	6	17	4	13	5	13	4	10	1	12	1	8	2	8	1	7	0	—	57	13	21
6	9	7	10	5	9	5	8	8	9	7	7	3	8	3	7	0	—	0	—	0	—	0	—	79	8	14
12	16	13	15	9	14	11	13	7	14	6	12	3	13	3	12	4	11	4	7	2	6	1	6	128	13	25
4	15	2	16	6	16	5	15	7	14	7	13	9	10	9	9	8	8	3	14	5	9	6	8	117	11	24
0	—	0	—	0	—	1	17	0	—	0	—	0	—	1	10	1	10	4	9	3	9	1	9	20	9	17
0	—	0	—	0	—	0	—	0	—	1	11	2	12	2	9	3	10	3	9	2	11	3	8	30	9	14
1	14	3	14	2	17	1	15	1	14	1	14	0	—	1	12	0	—	1	10	2	8	4	9	62	10	18
1	—	0	—	0	—	1	—	2	—	2	—	6	—	7	—	10	—	11	—	12	—	13	—	176	—	—
—	14	—	13	—	14	—	13	—	12	—	11	—	9	—	7	—	6	—	6	—	5	—	5	—	8	—

JULY.

2	14	2	12	1	17	4	10	4	14	2	12	2	13	2	11	0	—	2	7	4	7	2	10	77	11	22
3	17	4	10	6	14	3	18	5	13	3	12	3	11	3	10	3	8	1	8	0	—	0	—	52	14	30
6	14	4	12	3	11	5	11	2	9	3	10	1	8	1	6	0	—	1	6	0	—	2	7	60	12	26
7	10	9	12	6	11	6	13	6	12	6	10	6	9	2	10	3	8	4	8	1	7	1	6	84	10	21
6	13	4	11	7	12	7	12	6	11	5	10	6	10	9	7	5	8	4	8	4	8	4	7	94	10	20
0	—	1	8	0	—	0	—	1	7	0	—	0	—	0	—	0	—	0	—	1	6	0	—	13	8	11
3	17	1	26	1	11	2	16	0	—	0	—	1	17	1	16	3	11	5	13	3	14	5	10	61	14	34
4	22	5	22	7	21	4	22	6	19	7	18	6	15	6	14	5	15	4	15	5	17	8	14	147	17	32
0	—	1	—	0	—	0	—	1	—	5	—	6	—	7	—	12	—	10	—	13	—	9	—	156	—	—
—	14	—	14	—	14	—	14	—	13	—	11	—	9	—	8	—	6	—	7	—	7	—	7	—	10	—

AUGUST.

1	15	2	17	2	13	1	15	2	17	3	12	2	9	2	9	0	—	0	—	0	—	0	—	25	13	18
3	17	1	20	1	19	1	17	1	7	1	6	1	6	0	—	0	—	0	—	0	—	0	—	34	19	35
2	18	3	14	2	17	3	17	2	24	2	24	2	27	2	28	2	25	3	21	3	20	4	17	52	19	30
8	11	5	11	6	11	4	9	4	8	2	8	3	9	3	10	3	9	2	13	2	16	0	—	66	10	19
4	15	7	13	3	12	5	12	5	11	4	10	1	11	2	7	2	8	2	8	3	8	4	11	90	10	20
2	15	4	18	6	16	4	11	4	12	7	10	5	13	5	12	5	9	5	8	4	10	5	9	103	18	25
3	19	3	13	5	13	6	12	4	15	3	13	4	14	7	13	6	14	7	14	7	15	4	14	114	14	30
8	16	6	16	5	17	6	15	6	15	6	14	8	11	4	10	4	14	4	12	3	12	4	16	127	15	32
0	—	0	—	1	—	1	—	3	—	3	—	5	—	6	—	9	—	8	—	9	—	10	—	133	—	—
—	15	—	14	—	14	—	13	—	12	—	11	—	10	—	10	—	9	—	9	—	10	—	9	—	11	—

ABERDEEN.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and the
SEPTEMBER 1889.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	1	6	2	8	1	7	2	7	1	6	2	7	1	6	0	—	1	8	1	8	1	9	2	13
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	9	0	—
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	9	2	11	2	12	1	15
SE	2	11	1	12	3	11	1	11	3	12	2	8	4	10	4	9	3	13	2	15	4	14	4	12
S	11	9	9	9	7	8	7	10	7	10	9	9	7	11	6	12	10	10	7	13	8	12	9	14
SW	0	—	2	12	4	11	4	10	2	10	2	11	4	9	7	9	1	12	4	12	2	13	2	12
W	7	13	4	16	7	14	4	15	6	13	5	14	6	15	5	18	3	16	1	33	4	18	5	18
NW	5	16	8	14	5	16	7	16	5	18	5	18	6	16	6	16	9	18	9	20	7	24	6	20
Calms	4	—	4	—	3	—	5	—	6	—	5	—	2	—	2	—	2	—	4	—	1	—	1	—
Mean Velocity irrespective of Direction	—	10	—	10	—	11	—	10	—	10	—	10	—	11	—	12	—	13	—	14	—	15	—	15

OCTOBER.

N	1	9	1	9	0	—	0	—	0	—	0	—	1	14	1	14	3	12	2	12	3	13	3	14
NE	3	27	0	—	2	25	2	23	2	21	2	22	2	19	2	24	1	25	2	21	2	18	1	16
E	4	16	5	26	4	25	3	25	3	26	4	19	3	22	3	16	3	22	3	22	3	27	5	19
SE	3	13	2	19	1	29	2	24	3	18	2	23	4	21	4	18	4	17	6	13	6	13	7	13
S	1	10	3	9	3	9	3	12	3	13	4	8	3	11	4	10	2	22	6	12	8	13	7	15
SW	2	10	2	15	3	11	2	14	2	10	4	8	4	8	2	7	3	11	3	10	2	12	1	19
W	3	14	4	9	1	8	4	11	2	7	4	9	4	6	5	12	3	7	1	6	2	9	0	—
NW	5	10	5	9	8	10	6	11	8	12	7	12	6	12	5	8	4	11	7	9	2	8	3	10
Calms	9	—	9	—	9	—	9	—	8	—	4	—	4	—	5	—	8	—	1	—	3	—	4	—
Mean Velocity irrespective of Direction	—	10	—	10	—	11	—	11	—	11	—	11	—	12	—	11	—	11	—	12	—	13	—	13

NOVEMBER.

N	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
E	0	—	0	—	0	—	0	—	0	—	1	6	0	—	0	—	0	—	0	—	0	—	0	—
SE	1	9	0	—	0	—	1	16	1	10	1	31	1	31	2	23	2	23	1	38	2	25	2	22
S	9	11	5	11	6	13	5	11	6	14	4	10	9	10	5	12	5	12	10	11	10	11	12	11
SW	5	12	6	10	5	8	5	8	5	8	6	12	5	7	9	11	8	12	6	10	6	9	4	9
W	5	16	8	13	5	18	5	21	7	13	6	12	8	15	6	15	6	16	2	18	3	22	4	18
NW	2	21	3	25	5	18	5	17	4	20	3	16	2	16	2	14	2	13	4	18	4	17	4	18
Calms	8	—	8	—	9	—	9	—	7	—	9	—	5	—	6	—	7	—	7	—	5	—	4	—
Mean Velocity irrespective of Direction	—	10	—	10	—	10	—	10	—	10	—	9	—	10	—	11	—	11	—	10	—	12	—	12

DECEMBER.

N	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
SE	3	20	4	20	4	20	5	18	5	14	4	19	4	14	2	16	2	18	2	17	2	17	3	16
S	16	13	13	13	12	14	11	15	13	14	14	15	13	14	15	16	12	15	10	14	11	13	9	17
SW	6	12	6	12	10	12	7	13	5	18	5	13	5	16	4	14	7	12	10	14	9	15	11	12
W	2	15	3	7	1	15	3	6	0	—	0	—	1	6	2	8	4	10	4	13	3	12	6	14
NW	1	8	1	24	1	20	2	17	2	17	2	18	2	16	2	14	1	12	0	—	2	22	0	—
Calms	3	—	4	—	3	—	3	—	6	—	6	—	6	—	6	—	5	—	5	—	4	—	2	—
Mean Velocity irrespective of Direction	—	12	—	12	—	13	—	13	—	12	—	12	—	11	—	12	—	11	—	12	—	13	—	14

ABERDEEN.

MEAN VELOCITY, &c. for each CALENDAR MONTH—continued.

SEPTEMBER 1889.

P.M.																						Midt.		Monthly Totals and Means.		Maximum Velocity.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		No.	V.	
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.			
2	12	2	15	3	12	4	10	5	9	3	8	1	6	1	6	1	7	1	6	1	7	0	—	39	9	19
0	—	0	—	0	—	1	12	0	—	0	—	0	—	1	6	0	—	0	—	0	—	0	—	3	9	12
3	10	3	9	2	13	0	—	2	8	0	—	1	6	0	—	0	—	0	—	1	9	1	6	19	10	16
5	12	6	12	5	11	8	12	5	11	6	9	4	10	3	12	3	11	3	11	3	10	2	11	86	11	17
5	14	6	12	9	14	6	11	6	12	5	10	8	10	6	10	6	10	8	9	8	8	8	9	178	10	20
4	13	3	14	1	13	2	15	4	11	5	9	4	8	7	9	3	11	4	12	4	9	5	8	80	10	19
4	17	1	19	3	19	2	13	3	12	4	14	4	11	3	13	5	12	5	15	4	15	6	17	101	15	33
7	22	9	20	7	19	7	21	5	21	5	18	5	18	7	14	8	14	5	15	6	18	5	16	154	18	37
0	—	0	—	0	—	0	—	0	—	2	—	3	—	2	—	4	—	4	—	3	—	3	—	60	—	—
—	15	—	15	—	15	—	14	—	12	—	11	—	10	—	10	—	10	—	10	—	11	—	11	—	12	—

OCTOBER.

3	15	4	13	3	10	4	10	3	9	3	10	0	—	0	—	1	11	0	—	0	—	1	11	37	12	20
3	19	1	25	2	12	0	—	1	17	1	19	2	28	0	—	2	29	1	8	4	22	1	11	39	21	34
4	12	6	14	5	20	5	21	5	23	5	24	3	22	5	23	3	23	4	28	3	23	5	26	96	22	38
10	15	7	14	10	14	11	12	7	15	6	14	6	14	6	15	4	14	5	14	5	12	4	13	125	15	32
6	13	7	16	3	13	5	14	7	11	5	13	6	11	4	12	5	11	6	10	4	10	3	10	108	12	30
0	—	1	11	1	11	0	—	0	—	2	9	2	7	2	9	3	9	4	8	3	9	3	8	51	10	19
1	11	0	—	3	8	1	17	1	16	2	18	2	19	2	14	3	16	1	20	4	11	3	13	56	11	29
3	10	3	10	3	10	1	11	2	10	4	7	5	9	6	10	4	10	6	11	4	10	4	10	111	10	19
1	—	2	—	1	—	4	—	5	—	3	—	5	—	6	—	6	—	4	—	4	—	7	—	121	—	—
—	14	—	13	—	13	—	12	—	12	—	13	—	12	—	12	—	12	—	12	—	12	—	11	—	12	—

NOVEMBER.

0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	6	6
3	19	3	23	1	13	3	11	2	9	0	—	2	12	0	—	1	13	0	—	0	—	0	—	29	19	40
11	10	9	9	12	12	8	11	9	10	10	10	6	11	8	11	8	11	10	11	8	12	10	12	195	11	34
4	16	6	12	4	10	3	9	4	11	5	13	4	15	3	9	6	8	3	8	9	6	9	126	10	26	
4	15	4	19	4	17	6	17	6	20	7	18	6	16	8	18	6	17	8	14	5	17	4	19	133	16	37
3	20	3	14	2	27	1	20	1	19	1	21	3	9	1	22	2	28	3	17	3	17	2	24	65	18	33
5	—	5	—	7	—	9	—	8	—	7	—	9	—	10	—	7	—	6	—	6	—	8	—	171	—	—
—	12	—	11	—	10	—	9	—	10	—	10	—	9	—	9	—	10	—	10	—	10	—	10	—	10	—

DECEMBER.

0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—
0	—	0	—	0	—	0	—	0	—	1	8	0	—	0	—	0	—	0	—	0	—	0	—	1	8	8
2	18	3	21	1	13	3	15	1	11	3	12	3	14	3	15	1	22	2	10	2	25	1	19	65	17	32
11	13	10	12	16	12	15	10	16	12	12	13	16	12	16	14	17	14	16	15	14	14	15	14	323	14	37
8	11	6	9	4	9	3	13	6	11	9	11	6	10	6	10	5	11	6	10	7	12	8	11	159	12	39
8	17	5	16	5	16	6	14	4	13	4	13	4	13	4	14	7	11	5	12	4	12	4	13	89	13	35
1	18	2	21	1	21	0	—	1	20	0	—	1	12	0	—	0	—	0	—	1	9	1	8	24	17	24
1	—	5	—	4	—	4	—	3	—	2	—	1	—	2	—	1	—	2	—	3	—	2	—	83	—	—
—	13	—	12	—	11	—	10	—	11	—	11	—	12	—	12	—	12	—	12	—	12	—	12	—	12	—

ABERDEEN OBSERVATORY.

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, and DAILY AMOUNTS of RAINFALL, for each MONTH of the YEAR.

JANUARY 1889.										FEBRUARY 1889.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				Means 24 hrs.	Max.	Min.						
				Dry.	Difference. (Dry—Wet.)									Dry.	Difference. (Dry—Wet.)				
1	ins. 30°131	ins. 30°320	ins. 29°804	34°9	1°8	41°1	29°9	in. —		1	ins. 29°161	ins. 29°472	ins. 28°956	44°2	3°4	54°6	37°3	in. 0°005	1
2	30°363	30°409	30°323	31°6	1°8*	36°4	27°9	—		2	28°883	28°974	28°678	34°2	2°5*	37°3	31°6	—	2
3	30°294	30°362	30°177	40°6	2°3	46°4	33°0	0°10		3	29°141	29°857	28°586	37°6	2°3	41°1	33°5	0°340	3
4	30°149	30°192	30°057	43°6	3°5	47°7	38°1	—		4	30°150	30°250	29°897	35°5	2°2	38°9	33°3	0°100	4
5	29°934	30°049	29°813	38°4	2°0	42°0	35°8	—		5	29°829	30°125	29°691	38°9	2°6	43°9	33°4	0°030	5
6	29°846	29°876	29°778	38°2	1°9	41°7	32°5	—		6	29°720	29°791	29°621	35°2	2°7*	37°7	33°1	—	6
7	29°805	29°858	29°701	33°7	1°4	40°1	28°0	—		7	29°654	29°790	29°277	32°8	3°3	37°0	30°0	—	7
8	29°529	29°691	29°391	41°3	1°6	42°3	39°7	0°70		8	28°893	29°201	28°658	33°1	2°3	41°7	27°2	—	8
9	29°147	29°366	28°918	42°1	1°2	44°1	37°9	0°350		9	29°415	29°558	29°173	28°1	2°2	33°3	25°0	0°950	9
10	29°455	29°646	29°224	36°8	1°3	39°5	34°4	0°030		10	29°376	29°524	29°286	26°4	1°8	31°0	22°6	—	10
11	29°570	29°643	29°506	41°6	1°8	43°5	34°4	0°040		11	29°622	29°944	29°325	30°1	1°7	35°0	24°5	—	11
12	29°741	29°911	29°579	38°6	2°5	41°3	36°7	0°030		12	29°996	30°074	29°858	32°5	1°9	36°9	27°2	—	12
13	30°035	30°112	29°917	36°0	1°5	39°7	34°0	0°10		13	29°428	29°813	28°777	38°1	2°2	42°3	33°8	0°305	13
14	30°056	30°098	29°983	38°0	2°9	40°3	33°4	—		14	28°968	29°032	28°796	38°2	3°4	40°9	34°4	—	14
15	29°859	29°971	29°774	40°0	2°0	41°1	38°9	0°10		15	29°566	29°942	29°051	35°0	2°5	38°4	31°7	0°270	15
16	29°756	29°795	29°730	39°4	1°5	40°0	38°6	0°115		16	29°546	29°941	29°308	37°8	3°0	47°2	30°4	—	16
17	29°888	29°961	29°806	39°6	1°6	44°5	35°0	0°080		17	29°762	29°929	29°450	46°0	3°5	51°1	38°2	0°005	17
18	29°729	29°878	29°526	47°3	2°8	57°1	39°3	—		18	29°870	29°939	29°786	49°3	2°7	53°5	43°3	0°080	18
19	29°915	30°029	29°806	39°4	3°8	42°2	36°0	—		19	29°994	30°072	29°852	42°0	4°2	44°7	39°6	0°10	19
20	30°102	30°145	30°039	38°2	1°8	42°8	33°4	—		20	29°838	30°001	29°750	40°2	2°3	44°4	36°3	0°035	20
21	30°290	30°440	30°122	40°0	2°0	43°7	34°3	0°020		21	30°136	30°189	30°011	36°7	3°1	39°2	35°1	0°10	21
22	30°361	30°435	30°295	38°4	1°7	44°9	33°7	—		22	30°134	30°168	30°103	38°1	2°0	41°0	35°5	0°10	22
23	30°286	30°310	30°250	42°5	2°1	48°1	36°7	—		23	30°296	30°367	30°169	35°2	3°1	38°3	29°2	—	23
24	30°207	30°292	30°120	44°8	3°2	53°3	38°0	—		24	30°249	30°335	30°167	34°2	1°9	39°9	27°9	—	24
25	29°999	30°108	29°920	47°2	3°7	52°0	43°2	0°045		25	29°922	30°152	29°766	35°5	0°6	37°5	34°2	0°505	25
26	30°113	30°321	29°988	39°2	2°2	45°3	32°3	0°075		26	29°808	29°885	29°712	35°4	1°8	37°9	32°7	0°070	26
27	30°278	30°389	30°058	34°6	2°9*	38°4	31°1	0°020		27	29°664	29°743	29°638	32°7	1°6*	37°2	29°4	0°215	27
28	29°926	30°039	29°733	42°8	2°0	46°6	37°7	—		28	29°885	30°002	29°745	34°9	2°8*	36°7	30°9	—	28
29	29°479	29°671	29°206	40°9	2°9	45°3	35°4	0°035											
30	29°402	29°561	29°182	40°4	3°0	45°0	36°2	0°030											
31	29°291	29°528	29°093	47°5	3°8	57°1	37°6	—											
Maximum fall in one hour } 4 a.m. 9th									0°090	Maximum fall in one hour } 7 a.m. 15th									0°100
MARCH.										APRIL.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				Means 24 hrs.	Max.	Min.						
				Dry.	Difference. (Dry—Wet.)									Dry.	Difference. (Dry—Wet.)				
1	ins. 29°976	ins. 30°004	ins. 29°942	32°8	1°9	34°8	30°4	in. —		1	ins. 29°597	ins. 29°718	ins. 29°407	40°5	3°4	44°8	35°8	in. 0°100	1
2	29°948	29°971	29°919	27°8	1°5	34°3	19°0	—		2	29°708	29°759	29°642	35°5	2°9	38°7	33°0	0°100	2
3	29°953	29°966	29°940	31°3	2°7	33°8	24°7	0°775		3	29°553	29°749	29°306	36°7	2°6	41°5	32°4	0°230	3
4	29°943	29°956	29°916	28°2	1°0	33°7	16°3	—		4	29°390	29°577	29°254	39°2	2°4	41°1	37°0	0°170	4
5	29°880	29°956	29°788	24°7	1°2	35°2	10°5	—		5	29°626	29°679	29°578	39°7	2°3	41°4	37°7	0°085	5
6	29°567	29°773	29°413	34°1	1°6	39°9	27°7	0°040		6	29°606	29°638	29°575	40°3	1°6	42°0	38°3	0°135	6
7	29°321	29°408	29°199	36°3	1°2	39°1	33°6	0°155		7	29°612	29°637	29°580	39°6	2°0	40°5	37°0	0°095	7
8	29°211	29°228	29°177	35°6	2°0	42°3	30°8	—		8	29°547	29°581	29°527	39°3	1°3	40°6	37°1	0°180	8
9	29°194	29°251	29°158	35°7	1°9	39°5	32°8	0°080		9	29°550	29°570	29°527	39°1	2°3	41°5	35°5	0°10	9
10	29°497	29°756	29°256	36°9	3°2	41°7	32°3	—		10	29°599	29°627	29°555	38°6	1°5	41°4	34°6	0°100	10
11	29°933	30°027	29°777	37°5	3°9	41°2	34°3	—		11	29°610	29°683	29°585	40°2	1°1	42°0	39°0	0°210	11
12	29°893	29°968	29°793	46°4	3°5	55°0	36°8	—		12	29°810	29°871	29°688	40°4	1°5	41°7	39°0	0°220	12
13	29°092	30°210	29°779	43°1	3°9	51°7	37°3	—		13	29°827	29°868	29°804	39°3	2°5	43°1	36°0	0°050	13
14	30°277	30°384	30°210	38°6	3°6	42°0	36°3	—		14	29°826	29°853	29°813	41°7	3°5	47°4	36°1	0°10	14
15	30°316	30°384	30°209	41°4	2°8	48°1	36°8	0°030		15	29°867	29°889	29°851	41°1	2°9	45°7	36°3	0°020	15
16	30°069	30°178	30°031	44°6	4°1	51°2	37°2	—		16	29°838	29°883	29°759	44°3	2°9	49°5	37°0	0°020	16
17	29°064	30°023	29°875	39°3	2°1	43°1	34°0	0°080		17	29°817	29°912	29°738	51°6	3°2	58°1	45°4	—	17
18	29°664	29°859	29°462	35°9	0°7	39°2	33°0	0°360		18	29°845	29°915	29°777	48°9	3°3	58°0	42°7	—	18
19	29°232	29°440	29°050	39°6	0°9	41°5	37°7	0°535		19	29°778	29°801	29°735	50°4	4°3	57°6	42°3	—	19
20	29°180	29°448	29°002	37°2	2°4	40°1	32°3	—		20	29°549	29°712	29°405	51°0	5°0	58°4	46°2	0°040	20
21	29°682	29°842	29°451	34°1	3°3*	37°8	31°2	0°075		21	29°245	29°366	29°197	46°3	1°5	52°4	40°3	0°020	21
22	29°832	29°880	29°776	42°2	4°3	50°4	32°1	—		22	29°477	29°609	29°271	42°2	3°7	46°5	38°4	—	22
23	29°685	29°823	29°610	45°0	2°6	50°3	38°1	0°015		23	29°329	29°537	29°225	42°3	1°7	46°4	38°9	0°020	23
24	29°671	29°706	29°642	53°9	3°7	58°0	45°9	—		24	29°581	29°821	29°347	41°8	0°9	43°2	38°0	0°435	24
25	29°488	29°596	29°449	48°3	5°1	53°8	39°7	0°005		25	29°900	29°932	29°828	42°3	2°3	47°1	36°9	0°080	25
26	29°783	30°120	29°491	37°3	5°4	39°6	35°1	0°005		26	29°779	29°898	29°681	42°1	1°4	46°6	34°9	0°005	26
27	30°240	30°293	30°126	37°5	3°5*	42°8	35°0	—		27	29°754	29°817	29°667						

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., ABERDEEN—cont.

MAY 1889.										JUNE 1889.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Means 24 hrs.				Max.	Min.							
				Dry.	Difference. (Dry—Wet.)		Dry.						Difference. (Dry—Wet.)	Dry.	Difference. (Dry—Wet.)	Dry.	Difference. (Dry—Wet.)		
1	ins. 29°601	ins. 29°724	ins. 29°492	45°1	1°2	48°4	43°6	in. .185		1	ins. 29°709	ins. 29°803	ins. 29°569	53°3	3°1	58°1	48°8	in. —	1
2	29°606	29°780	29°609	44°3	1°6	49°3	41°2	.205		2	29°763	29°842	29°671	51°5	1°2	53°5	49°4	.015	2
3	29°789	29°840	29°762	43°9	0°7	48°2	41°2	—		3	29°711	29°857	29°622	55°4	1°9	62°4	50°7	.090	3
4	29°925	29°978	29°848	47°4	1°8	50°2	44°9	—		4	30°087	30°329	29°854	58°3	6°0	65°5	50°0	—	4
5	29°907	29°979	29°863	45°5	0°7	47°0	44°2	.090		5	30°390	30°424	30°329	54°8	3°9	62°1	46°1	—	5
6	29°907	29°924	29°882	46°5	0°9	50°2	43°6	—		6	30°179	30°364	30°021	53°7	2°4	58°9	45°1	.200	6
7	29°793	29°896	29°701	46°5	1°0	49°1	43°1	—		7	30°073	30°101	30°006	53°9	4°0	60°3	49°7	.210	7
8	29°666	29°716	29°636	46°7	0°4	50°0	45°0	.010		8	29°849	30°047	29°746	51°7	3°4	56°1	46°4	.040	8
9	29°779	29°832	29°716	48°5	1°5	53°7	44°0	—		9	29°755	29°843	29°711	49°3	2°9	53°4	41°8	.055	9
10	29°795	29°858	29°751	47°8	1°6	51°6	43°7	—		10	29°881	29°913	29°842	49°2	3°9	56°8	41°5	—	10
11	29°870	29°910	29°848	48°3	1°6	51°4	44°9	—		11	29°790	29°904	29°720	52°9	5°7	58°6	42°6	—	11
12	29°919	29°942	29°888	51°1	2°6	56°4	46°0	.050		12	29°725	29°779	29°696	56°2	4°2	63°8	47°4	—	12
13	29°909	29°946	29°861	48°1	3°1	52°6	44°3	—		13	29°723	29°784	29°669	57°0	4°8	63°0	48°2	—	13
14	29°783	29°860	29°762	45°9	3°3	48°5	43°2	—		14	29°725	29°773	29°682	54°0	2°5	59°1	50°7	.005	14
15	29°794	29°877	29°757	46°2	1°6	48°6	44°8	—		15	29°813	29°863	29°750	58°0	6°7	68°3	46°0	.005	15
16	29°948	30°000	29°875	45°9	1°1	48°0	43°9	—		16	29°984	30°038	29°863	56°8	4°8	62°9	52°6	—	16
17	29°993	30°013	29°934	49°1	1°7	55°0	43°2	—		17	30°131	30°182	30°086	53°2	1°8	56°4	47°7	—	17
18	29°820	29°935	29°783	49°8	1°4	56°0	46°0	.145		18	30°190	30°203	30°178	55°6	2°5	61°4	50°0	—	18
19	29°878	29°935	29°829	46°9	0°7	52°5	43°1	—		19	30°164	30°181	30°139	53°1	2°1	57°2	46°8	—	19
20	29°983	30°032	29°932	52°8	3°1	61°5	45°4	—		20	30°139	30°164	30°111	53°7	2°6	56°3	51°0	—	20
21	29°993	30°029	29°934	55°7	5°7	62°2	47°0	—		21	30°065	30°112	30°027	51°8	1°6	55°9	48°7	—	21
22	29°813	29°933	29°734	59°3	4°9	67°4	48°5	—		22	30°063	30°127	30°014	56°5	4°2	65°3	47°6	—	22
23	29°680	29°732	29°600	60°4	5°7	67°2	53°5	—		23	30°075	30°118	30°035	52°0	3°1	54°3	50°2	—	23
24	29°474	29°599	29°429	57°8	3°8	65°7	49°7	—		24	30°029	30°046	30°015	52°1	3°6	56°0	49°6	—	24
25	29°481	29°595	29°409	51°9	3°7	56°7	49°3	.230		25	30°032	30°058	30°002	54°5	3°0	60°4	45°8	—	25
26	29°705	29°796	29°594	50°6	2°4	53°2	47°4	—		26	29°945	30°010	29°882	62°4	5°7	73°5	47°6	—	26
27	29°733	29°795	29°644	49°5	3°0	53°2	43°6	—		27	29°943	29°978	29°893	57°9	3°2	64°0	53°7	—	27
28	29°469	29°643	29°359	50°2	1°2	54°7	48°4	.260		28	29°938	30°014	29°876	59°4	5°0	72°2	51°0	—	28
29	29°430	29°461	29°406	52°4	1°8	57°5	49°0	—		29	30°066	30°107	30°014	57°9	4°4	61°7	52°7	—	29
30	29°523	29°590	29°437	52°8	3°6	58°4	47°5	—		30	30°090	30°244	30°009	59°6	5°7	66°2	54°6	.010	30
31	29°519	29°580	29°482	51°3	2°1	56°5	47°7	.220											
Maximum fall in one hour } 2 p.m. 31st									0°180	Maximum fall in one hour } Midt. 6th									0°130
JULY.										AUGUST.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Means 24 hrs.				Max.	Min.							
				Dry.	Difference. (Dry—Wet.)		Dry.						Difference. (Dry—Wet.)	Dry.	Difference. (Dry—Wet.)	Dry.	Difference. (Dry—Wet.)		
1	ins. 30°317	ins. 30°355	ins. 30°244	57°2	6°0	63°0	49°7	in. —		1	ins. 29°756	ins. 29°881	ins. 29°661	62°2	3°9	69°2	54°3	in. —	1
2	30°360	30°378	30°344	54°4	3°3	57°3	49°7	—		2	29°601	29°673	29°577	62°7	6°4	70°6	55°9	—	2
3	30°290	30°353	30°242	55°0	2°9	59°1	49°8	—		3	29°535	29°605	29°498	57°7	2°0	61°3	54°7	.095	3
4	30°210	30°246	30°187	55°1	1°9	59°7	52°7	.010		4	29°692	29°726	29°601	59°1	3°7	66°0	54°6	.005	4
5	30°173	30°216	30°088	56°6	3°0	61°5	53°6	—		5	29°537	29°689	29°401	55°7	1°5	58°5	52°7	.205	5
6	29°811	30°086	29°575	55°2	2°7	63°6	46°5	.075		6	29°426	29°542	29°332	55°4	1°9	59°2	53°3	.155	6
7	29°503	29°575	29°484	50°4	3°1	55°6	47°6	.155		7	29°751	29°919	29°543	56°1	4°3	60°4	50°0	—	7
8	29°525	29°675	29°416	51°8	3°2	56°2	47°1	.215		8	29°894	29°932	29°822	55°0	2°5	60°6	48°7	.085	8
9	29°771	29°808	29°675	52°8	2°6	55°2	49°5	—		9	29°681	29°821	29°594	55°9	1°5	58°4	54°8	.035	9
10	29°688	29°782	29°639	52°2	1°3	55°5	51°3	.155		10	29°535	29°593	29°512	55°2	1°0	57°6	52°9	.935	10
11	29°824	29°966	29°643	52°1	3°6	55°5	48°8	.050		11	29°581	29°668	29°506	53°7	2°5	57°7	50°7	.560	11
12	29°985	29°999	29°959	51°4	4°0	56°5	43°0	—		12	29°717	29°748	29°665	55°4	4°6	61°4	50°1	—	12
13	29°867	29°977	29°760	56°4	2°9	62°2	50°7	.070		13	29°788	29°815	29°739	54°5	3°8	60°0	51°0	.145	13
14	29°700	29°762	29°626	54°2	3°2	58°3	51°0	.055		14	29°617	29°774	29°545	54°2	2°6	59°0	48°3	—	14
15	29°578	29°626	29°556	53°1	2°4	56°7	49°0	.060		15	29°542	29°617	29°521	55°4	1°9	62°1	51°0	.140	15
16	29°655	29°705	29°584	53°5	3°0	57°7	49°2	.005		16	29°591	29°680	29°266	56°8	4°1	63°8	51°3	.455	16
17	29°749	29°810	29°676	52°3	2°8	55°0	48°3	.230		17	29°333	29°480	29°155	58°5	6°3	64°6	51°8	.020	17
18	29°748	29°798	29°701	51°4	3°8	59°4	48°1	.015		18	29°555	29°656	29°470	57°2	6°4	65°7	50°5	—	18
19	29°629	29°700	29°608	54°0	3°0	61°0	48°7	.270		19	29°552	29°655	29°360	54°4	1°8	57°9	50°0	.095	19
20	29°581	29°634	29°479	54°4	3°1	59°0	51°2	.015		20	29°049	29°358	28°901	54°4	1°0	56°1	51°7	.695	20
21	29°347	29°478	29°281	52°1	1°2	53°6	48°6	.545		21	29°034	29°073	28°975	57°1	5°3	63°4	51°7	—	21
22	29°498	29°559	29°417	54°5	4°7	65°4	45°6	.170		22	29°256	29°486	28°976	52°8	4°2	56°4	48°3	.185	22
23	29°614	29°666	29°553	53°1	3°2	61°1	42°0	—		23	29°520	29°573	29°471	51°2	4°2	58°5	44°0	.110	23
24	29°560	29°664	29°442	54°2	2°2	60°7	43°7	—		24	29°608	29°634	29°573	52°3	4°8	59°3	44°7	—	24
25	29°419	29°498	29°349	56°2	2°3	59°6	54°3	.025		25	29°669	29°784	29°568	51°8	2°7	57°3	48°1	.070	25
26	29°600	29°703	29°493	53°2	1°9	57°0	51°3	.050		26	29°861	29°921	29°781	52°4	4°1	59°2	45°8	.020	26
27	29°799	29°879	29°704	55°7	4°1	62°5	50°1	.010											

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., ABERDEEN—cont.

SEPTEMBER 1889.										OCTOBER 1889.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				Means 24 hrs.	Max.	Min.						
				Dry.	Difference. (Dry—Wet.)									Dry.	Difference. (Dry—Wet.)				
1	ins.	ins.	ins.	53°9	2°5	60°0	46°9	in.		1	ins.	ins.	ins.	46°8	1°9	52°0	42°6	in.	
2	30°147	30°165	30°121	53°9	2°5	60°0	46°9	—		2	30°009	30°042	29°932	46°7	2°6	52°8	41°1	°015	1
3	30°106	30°151	30°071	54°0	1°7	56°2	51°0	—		3	29°854	30°021	29°731	46°7	2°4	51°5	44°2	°010	2
4	30°046	30°070	30°029	56°0	1°7	59°2	53°2	—		4	29°634	29°733	29°528	47°6	1°7	53°8	47°6	°115	3
5	30°104	30°166	30°051	54°5	1°5	61°7	48°9	—		5	29°412	29°526	29°345	50°5	1°8	52°7	43°1	°155	4
6	30°213	30°253	30°166	53°3	1°4	56°3	49°6	—		6	29°475	29°490	29°445	48°9	2°2	56°5	46°3	°005	5
7	30°260	30°281	30°247	54°7	1°4	60°1	52°7	—		7	29°410	29°466	29°247	49°5	2°1	52°8	48°3	°100	6
8	30°210	30°262	30°164	54°3	1°1	57°9	47°7	°005		8	28°731	29°245	28°578	50°2	2°1	50°2	43°0	°780	7
9	30°057	30°163	29°945	56°2	1°0	58°5	53°8	—		9	28°904	28°984	28°710	46°7	1°8	47°5	34°1	°175	8
10	29°868	29°944	29°807	59°3	4°1	68°0	54°0	°005		10	28°753	28°877	28°635	42°2	2°2	52°2	36°1	°030	9
11	29°940	29°965	29°913	60°4	3°1	67°6	55°6	°020		11	29°092	29°234	28°878	45°3	2°2	53°6	36°9	°015	10
12	29°903	29°982	29°866	61°0	2°9	67°4	57°0	°005		12	29°372	29°480	29°231	45°0	2°1	51°3	36°2	—	11
13	30°113	30°160	29°982	55°8	2°2	60°3	53°6	—		13	29°524	29°547	29°480	45°3	2°1	51°0	41°7	°460	12
14	30°142	30°274	30°032	53°2	1°5	55°5	51°0	°060		14	29°705	29°828	29°547	46°5	2°1	48°9	36°1	°080	13
15	30°338	30°371	30°274	51°0	4°7	54°6	48°7	—		15	29°809	29°840	29°753	43°3	1°5	51°3	38°5	—	14
16	30°369	30°404	30°335	49°8	3°8	53°7	45°0	—		16	29°638	29°753	29°538	46°9	0°8	52°3	47°1	°090	15
17	30°210	30°333	30°078	51°6	3°2	57°1	43°0	—		17	29°599	29°642	29°543	50°0	0°5	51°0	47°2	°140	16
18	29°981	30°076	29°937	54°0	3°4	59°3	48°7	—		18	29°621	29°655	29°559	49°0	1°3	52°0	45°0	°590	17
19	29°786	29°941	29°551	53°1	2°7	58°6	48°3	°475		19	29°531	29°575	29°460	49°9	1°2	51°8	49°4	°010	18
20	29°328	29°549	29°244	49°7	4°8	55°3	42°2	°030		20	29°379	29°459	29°342	50°9	2°1	52°4	49°3	°055	19
21	29°311	29°371	29°231	45°0	3°5	51°3	40°9	—		21	29°415	29°515	29°285	51°3	2°4	52°3	47°7	°055	20
22	29°359	29°379	29°338	42°5	3°5	49°0	38°1	°005		22	29°586	29°687	29°511	50°6	3°6	50°0	46°5	°060	21
23	29°473	29°579	29°379	43°5	3°7	49°7	37°9	—		23	29°757	29°819	29°682	48°5	2°1	48°3	43°7	°030	22
24	29°603	29°631	29°571	44°5	3°6	50°9	39°1	—		24	29°909	30°010	29°817	46°3	2°1	47°6	39°1	°170	23
25	29°579	29°632	29°509	41°4	2°7	49°0	37°3	°005		25	30°104	30°216	30°010	42°5	2°9	45°5	37°4	°015	24
26	29°748	29°898	29°596	44°0	3°1	50°7	38°7	°140		26	30°284	30°340	30°210	42°3	3°4	46°4	37°1	°007	25
27	29°747	29°900	29°619	41°3	2°4	57°7	35°8	°025		27	30°318	30°338	30°280	42°2	3°7	46°5	42°4	°093	26
28	29°631	29°895	29°553	52°5	3°1	60°8	48°2	°065		28	30°076	30°279	29°904	44°7	1°8	46°1	35°2	°080	27
29	29°539	29°638	29°486	48°2	2°7	51°0	46°1	°075		29	29°780	29°902	29°666	41°5	1°9	48°4	34°4	°045	28
30	29°692	29°756	29°566	47°6	3°3	50°0	45°0	°015		30	29°554	29°665	29°489	42°9	1°9	52°3	46°8	°090	29
	29°742	29°932	29°562	47°4	2°1	50°4	43°6	°060			29°513	29°592	29°302	44°7	2°5	49°4	38°0	°035	30
Maximum fall in one hour } 7 p.m. 18th - - - - -										Maximum fall in one hour } 6 p.m. 12th - - - - -									

NOVEMBER.										DECEMBER.									
	ins.	ins.	ins.					in.		ins.	ins.	ins.					in.		
1	29°016	29°492	28°718	46°0	2°8	49°8	42°2	°150		30°115	30°179	30°018	42°2	2°0	43°5	39°8	—	1	
2	29°315	29°531	28°904	44°1	3°2	47°2	40°8	°050		30°200	30°238	30°164	41°3	2°5	44°4	38°0	—	2	
3	29°481	29°536	29°436	40°6	1°7	46°4	36°3	°005		30°312	30°394	30°230	38°1	2°4	39°9	36°2	—	3	
4	29°627	29°669	29°536	41°4	2°1	46°2	35°3	°030		30°469	30°521	30°390	39°3	2°9	41°3	37°1	°025	4	
5	29°659	29°846	29°596	40°6	1°9	45°9	33°1	°010		30°562	30°604	30°519	38°7	2°3	41°0	35°3	°053	5	
6	29°966	30°005	29°846	43°6	2°3	49°0	36°9	—		30°223	30°553	29°911	37°9	2°1	40°5	35°1	°290	6	
7	30°020	30°197	29°930	54°3	3°6	60°7	46°6	—		29°981	30°020	29°895	37°8	2°6	41°6	34°1	°025	7	
8	30°203	30°252	30°147	48°1	4°0	51°6	45°7	°020		29°816	30°010	29°457	39°6	2°0	43°0	34°4	°135	8	
9	30°120	30°152	30°081	46°8	0°7	49°5	44°3	°160		29°227	29°455	29°034	46°7	3°2	53°0	40°9	°	9	
10	30°155	30°233	30°076	52°7	2°5	58°4	44°3	°005		28°890	29°032	28°787	37°8	3°0	41°6	33°9	—	10	
11	30°248	30°287	30°189	45°3	1°2	51°6	39°9	—		29°343	29°641	28°980	33°9	2°0	36°1	31°4	} °190	11	
12	30°150	30°191	30°122	48°6	1°9	51°7	45°1	°005		29°643	29°745	29°422	33°3	2°2	41°7	25°7	°257	12	
13	30°172	30°214	30°091	46°3	1°6	51°9	36°7	—		29°530	29°733	29°287	39°5	1°8	42°7	33°6	°245	13	
14	30°087	30°114	30°052	40°6	1°8	45°6	35°2	—		29°990	30°046	29°873	36°0	1°6	40°0	31°7	°090	14	
15	30°022	30°051	29°983	47°6	2°1	50°6	44°0	—		30°077	30°159	29°940	39°7	1°8	44°9	35°1	—	15	
16	30°342	30°506	30°004	43°3	3°1	50°1	35°9	°020		30°048	30°165	29°904	43°3	2°6	46°0	40°0	—	16	
17	30°446	30°497	30°429	38°0	2°5	43°9	33°4	—		29°870	29°996	29°720	47°9	2°3	51°0	36°5	°016	17	
18	30°396	30°423	30°361	41°9	1°5	48°3	33°4	—		29°731	29°971	29°446	43°3	2°3	51°0	36°5	°085	18	
19	30°391	30°418	30°356	45°2	1°4	51°6	39°3	—		29°627	29°927	29°368	42°5	2°4	46°6	36°8	°050	19	
20	30°388	30°420	30°340	45°1	1°2	50°0	40°1	°010		29°298	29°372	29°199	37°6	2°1	43°4	34°8	°005	20	
21	30°208	30°338	30°063	44°2	2°2	46°7	39°6	—		29°333	29°467	29°222	34°5	2°2	39°7	30°2	—	21	
22	29°922	30°063	29°838	47°3	1°6	50°4	43°7	°165		29°369	29°480	29°316	38°4	1°6	42°7	28°3	°395	22	
23	29°979	30°053	29°865	42°2	2°6	45°5	38°4	°005		29°621	29°699	29°481	40°5	1°1	45°0	35°0	—	23	
24	29°456	29°863	29°018	43°6	2°1	46°8	39°7	°130		29°524	29°904	29°299	41°4	1°8	46°0	36°9	°545	24	
25	29°166	29°361	28°988	36°4	2°3	45°6	32°1	—		30°090	30°149	29°904	40°4	2°4	45°8	34°6	—	25	
26	29°313	29°395	29°244	32°5	2°7	35°0	29°9	°530		30°218	30°347	30°091	45°1	2°0	47°2	42°6	—	26	
27	29°740	30°014	29°395	33°0	2°0	36°0	29°7	—		30°370	30°393	30°339	43°4	2°6	45°8	39°1	—	27	
28	30°023	30°038	30°010	36°6	2°8	40°2	31°4	—		30°161	30°345	30°039	37°3	2°8	39°5	31°5	—	28	
29	29°933	30°012	29°885	40°1	2°4	42°4	36°8	—		30°117	30°211	30°024	33°0	1°8	37°2	29°1	—	29	
30	29°941	30°018	29°890	42°1	1°9	44°7	37°3	—		30°093	30°203	29°890	37°5	1°4	43°1	31°2	°055	30	
										29°777	29°915	29°689	45°0	1°9	47°7	39°6	°005	31	
Maximum fall in one hour } - - - °066										Maximum fall in one hour } - - - °180									

FALMOUTH OBSERVATORY.

E 70918.

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HOURLY and DAILY MEANS of PRESSURE for FIVE-DAY PERIODS.

ORY LAT. 50° 9' N. LONG. 5° 4' W.

Barometer Cistern, 183 feet above Mean Sea Level.

The readings are corrected for temperature, but are not reduced to Mean Sea Level.

Five-day Periods.	Midt.	A.M.												Noon.	P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.
		0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.		12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.			
1880.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	1880.	
Jan.	30 556	30 553	30 557	30 558	30 557	30 556	30 555	30 559	30 573	30 584	30 593	30 592	30 583	30 585	30 586	30 587	30 588	30 589	30 590	30 591	30 592	30 593	30 594	30 595	30 596	30 597	30 598	Jan.	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574	30 587	30 596	30 597	30 591	30 577	30 577	30 578	30 579	30 580	30 581	30 582	30 583	30 584	30 585	30 586	30 587	30 588	30 589	30 590	"	
"	30 587	30 572	30 566	30 566	30 565	30 566	30 567	30 574																					

TABLE II.

HOURLY and DAILY MEANS of TEMPERATURE for FIVE-DAY PERIODS.

FALMOUTH OBSERVATORY - - - - - LAT. 50° 9' N. LONG. 5° 4' W.

Dry-bulb Thermometer, 4 feet above Ground.

Five-day Periods.	Midt.	A.M.												Noon.	P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
1889.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

TABLE II.—HOURLY and DAILY MEANS OF TEMPERATURE for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.	A.M.											Noon.	P.M.											Midt.	Daily Means (Five Days).	Five-day Periods.
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.			
1889.																											
July 30-4	55.9	55.4	55.0	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	July 30-4
" 5-9	58.4	58.3	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	" 5-9
" 10-14	56.9	56.6	56.3	56.2	56.8	57.5	59.3	60.8	61.1	62.4	63.2	64.0	64.3	62.9	62.8	62.3	62.2	61.5	60.7	59.8	58.8	56.8	56.1	56.0	56.2	59.7	" 10-14
" 15-19	54.0	54.1	53.9	53.6	53.2	55.1	58.6	60.3	60.8	60.3	60.3	61.2	61.8	62.5	61.8	61.2	60.5	60.3	59.1	58.0	57.4	55.3	54.8	55.0	54.2	57.8	" 15-19
" 20-24	54.8	54.7	54.0	53.9	53.9	54.2	55.9	58.5	57.9	58.5	58.9	60.4	62.2	62.2	61.9	61.1	60.4	59.3	58.0	57.3	56.5	56.6	55.8	55.4	55.0	57.7	" 20-24
" 25-29	56.6	56.4	56.4	55.8	55.9	55.8	57.2	58.1	59.3	59.5	59.5	60.1	61.1	61.5	61.0	59.9	60.5	59.4	58.8	58.0	56.6	57.4	56.9	56.4	56.2	58.2	" 25-29
Aug. 30-3	58.9	58.4	58.5	58.0	57.9	58.1	59.9	61.1	63.1	63.3	64.0	64.2	64.7	64.9	64.0	63.7	62.7	61.9	61.4	60.7	59.8	59.7	59.4	58.8	61.0	Aug. 30-3	
" 4-8	55.3	55.0	55.2	54.8	54.9	55.7	58.1	58.8	60.6	62.0	62.4	61.6	62.6	62.5	63.5	60.5	60.8	59.9	58.7	58.0	56.7	55.5	55.3	58.2	58.2	" 4-8	
" 9-13	54.3	54.0	54.2	54.4	54.6	55.0	56.3	57.8	59.9	60.4	61.2	60.7	60.4	61.1	61.7	60.9	60.2	59.7	59.0	58.5	57.5	54.5	53.8	53.4	57.2	" 9-13	
" 14-18	56.7	57.0	56.6	56.5	56.4	56.6	58.5	59.3	60.4	61.2	62.6	62.2	63.2	62.9	63.0	62.6	62.3	60.5	59.7	58.8	58.6	58.3	58.0	57.8	59.5	" 14-18	
" 19-23	55.9	55.5	55.4	55.4	54.8	55.1	56.3	57.9	59.4	59.3	59.7	60.7	60.4	60.2	60.6	59.3	59.1	58.2	57.0	55.8	55.6	55.5	55.2	57.3	57.3	" 19-23	
" 24-28	52.2	52.2	51.8	52.0	52.1	52.0	54.8	56.4	57.8	58.9	58.5	59.8	59.6	59.8	59.7	59.4	58.8	57.0	55.1	52.6	52.2	51.8	52.0	55.2	55.2	" 24-28	
Sept. 29-2	56.7	56.4	56.5	56.2	56.7	56.9	58.1	59.9	61.4	62.5	62.9	62.9	63.1	63.5	63.6	63.6	63.3	62.3	60.8	59.5	59.0	58.6	58.7	58.3	59.9	Sept. 29-2	
" 3-7	57.6	57.4	57.3	57.1	56.7	56.8	57.1	58.2	59.4	61.5	62.7	62.6	63.0	63.6	63.4	62.4	61.8	60.9	59.3	58.3	58.2	57.5	57.3	57.1	59.6	" 3-7	
" 8-12	58.0	58.8	58.2	58.2	58.4	58.3	58.7	59.6	61.1	62.2	63.7	63.3	64.5	64.7	64.6	64.1	63.3	61.9	60.5	59.5	59.0	59.2	58.7	58.2	60.6	" 8-12	
" 13-17	54.7	54.2	53.5	53.4	53.1	53.0	54.7	57.2	59.0	59.9	61.1	61.5	61.9	61.2	61.0	60.0	59.1	57.8	56.8	56.2	56.1	55.6	55.2	54.5	57.0	" 13-17	
" 18-22	52.9	52.3	52.0	51.9	51.8	51.7	52.2	53.6	55.4	56.0	56.3	56.3	56.8	56.2	56.5	55.7	54.7	53.6	52.9	52.0	51.6	51.5	51.7	51.0	53.5	" 18-22	
" 23-27	50.8	50.4	50.5	50.7	50.5	50.9	51.9	53.2	55.3	56.2	57.2	57.5	57.6	57.2	56.6	56.0	55.5	54.4	53.7	52.7	52.4	52.2	52.8	52.8	53.6	" 23-27	
Oct. 28-2	52.0	51.4	50.4	50.3	50.4	49.7	49.7	51.2	53.2	53.9	55.0	54.3	55.0	54.3	54.3	54.6	53.6	52.6	52.1	51.6	51.9	51.7	50.7	52.3	52.3	Oct. 28-2	
" 3-7	50.1	49.9	50.1	51.2	50.8	50.7	51.0	51.9	53.9	53.8	54.1	54.1	54.2	54.2	54.2	53.7	52.3	51.0	49.9	49.7	49.9	49.6	49.8	49.8	51.5	" 3-7	
" 8-12	46.5	46.4	47.1	46.3	46.0	45.7	46.2	45.9	47.6	49.9	52.6	52.7	52.3	51.8	52.5	51.8	49.9	47.5	47.1	46.5	46.7	46.4	46.9	45.8	48.4	" 8-12	
" 13-17	49.1	49.0	48.6	48.3	48.4	48.6	48.0	49.2	51.1	52.7	53.7	53.7	54.5	54.1	54.0	53.8	51.9	50.3	50.4	50.5	50.4	50.3	50.2	50.7	50.7	" 13-17	
" 18-22	47.1	47.2	47.0	47.2	47.2	47.2	47.2	47.4	49.5	50.5	51.2	51.1	51.9	51.0	51.7	51.3	50.9	49.7	48.8	47.7	46.9	46.2	46.5	48.6	48.6	" 18-22	
" 23-27	46.8	46.8	46.3	46.3	46.0	45.5	45.0	44.9	44.8	46.6	47.6	48.3	49.3	49.5	49.3	49.2	48.9	47.7	47.4	47.4	47.6	47.2	46.8	46.6	47.3	" 23-27	
Nov. 28-1	48.2	48.6	48.1	48.2	48.8	48.7	48.4	48.0	48.2	49.8	51.2	52.4	52.3	52.8	52.7	52.5	50.4	49.5	49.7	47.9	47.8	48.1	48.0	49.6	49.6	Nov. 28-1	
" 2-6	46.7	46.6	46.7	47.0	46.6	46.3	46.6	47.3	49.3	50.3	51.3	51.6	51.6	51.6	51.5	50.3	49.3	48.5	48.2	47.6	47.5	47.0	47.1	46.8	48.4	" 2-6	
" 7-11	48.8	49.2	49.4	49.9	50.1	50.3	50.4	50.7	51.1	52.1	52.8	53.5	53.7	53.7	53.6	52.9	52.2	50.7	50.7	50.4	50.1	49.7	49.7	50.0	51.1	" 7-11	
" 12-16	51.6	51.9	51.8	51.5	51.7	51.9	51.9	51.8	51.6	51.8	51.9	52.8	53.2	53.4	53.5	53.1	52.4	52.0	52.0	52.1	52.2	52.2	52.1	52.0	52.2	" 12-16	
" 17-21	51.3	51.5	51.5	51.6	51.5	51.4	51.4	51.3	51.4	51.3	51.6	52.0	52.5	52.6	52.3	51.8	51.4	51.2	51.2	51.2	51.2	50.8	51.0	51.6	51.6	" 17-21	
" 22-26	50.9	50.6	50.6	50.4	49.3	48.8	48.1	47.8	47.6	47.7	48.6	49.6	49.8	49.7	49.3	49.7	48.8	49.0	49.1	49.0	49.0	48.5	48.5	49.1	49.1	" 22-26	
Dec. 27-1	41.9	41.4	40.7	41.0	41.2	40.9	41.1	41.2	41.0	41.3	41.4	42.5	42.9	43.7	43.8	43.6	41.8	41.5	41.6	41.5	42.1	42.2	42.4	41.9	41.9	Dec. 27-1	
" 2-6	40.4	40.5	40.4	39.7	39.5	39.4	39.2	39.3	39.3	39.5	40.3	41.5	41.9	42.2	42.0	41.5	40.9	40.8	40.3	40.1	39.7	39.8	39.5	40.3	40.3	" 2-6	
" 7-11	43.2	43.6	42.8	42.8	43.2	43.6	43.7	44.0	44.4	45.0	45.1	46.2	46.5	46.5	45.6	45.2	44.7	44.4	44.0	43.2	43.1	43.3	43.4	44.1	44.1	" 7-11	
" 12-16	43.9	42.8	42.8	42.8	42.6	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	" 12-16	
" 17-21	45.5	45.8	45.4	45.7	45.8	45.6	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.2	45.7	46.4	46.4	" 17-21	
" 22-26	47.5	48.1	48.2	48.1	47.8	47.5	47.0	46.1	46.5	46.7	47.4	48.9	49.0	49.7	49.1	48.4	47.8	46.7	46.7	46.6	47.0	47.1	46.9	46.5	47.5	" 22-26	
" 27-31	38.2	38.3	38.0	38.0	38.0	38.0	37.5	38.2	38.1	38.5	39.0	40.2	41.0	41.9	41.7	41.6	40.5	39.5	39.1	38.8	38.4	37.7	37.1	36.7	37.0	" 27-31	

TABLE III.

HOURLY and DAILY MEAN DIFFERENCE between the DRY and WET-BULB THERMOMETERS for FIVE-DAY PERIODS.

PALMOUTH OBSERVATORY

- - - LAT. 50° 9' N. LONG. 6° 4' W.

Five-day Periods.	Midt.		A.M.												Noon.	P.M.												Daily Means (Five Days).	Five-day Periods.
	0.		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.		13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
1889. Jan. 1-5	1.2	1.4	1.2	1.7	1.5	1.5	1.5	1.4	1.6	1.5	1.5	1.6	2.3	2.6	3.1	3.1	3.1	2.9	2.4	2.4	2.1	1.6	1.6	1.6	1.4	1.4	1.4	1.9	1-5 Jan.
" 6-10	2.5	2.2	2.1	2.3	2.3	2.3	2.3	1.9	1.9	2.2	2.3	1.9	2.7	2.6	2.3	2.9	3.0	3.2	2.8	2.6	2.7	3.4	3.4	3.1	3.3	3.1	3.0	2.5	6-10
" 11-15	3.1	3.0	3.1	2.7	2.7	2.6	2.6	2.4	2.5	2.7	2.5	2.7	3.1	3.2	3.3	3.1	3.1	2.8	2.6	2.5	2.5	2.8	2.8	2.6	2.6	2.9	2.8	2.7	11-15
" 16-20	1.4	1.3	1.3	1.2	1.3	1.4	1.3	1.3	1.6	1.2	1.4	1.7	2.2	2.7	3.0	2.9	2.9	2.7	2.5	2.0	2.0	1.6	1.4	1.2	1.2	1.2	1.7	2.1	16-20
" 21-25	1.9	1.7	1.9	1.8	1.8	1.8	1.9	2.2	2.1	2.2	2.1	2.4	2.5	2.4	2.6	2.4	2.4	2.2	2.1	2.2	2.0	1.9	1.8	2.0	1.9	2.1	2.1	2.1	21-25
" 26-30	2.0	1.9	2.0	2.2	2.1	2.0	2.0	1.9	1.8	1.5	1.6	1.9	2.0	1.9	2.0	2.1	2.1	2.3	2.2	2.1	1.9	2.1	2.0	1.8	2.0	1.8	1.9	1.9	26-30
Feb. 31-4	2.4	2.8	2.6	2.5	2.5	2.1	2.1	2.6	3.1	2.9	3.1	3.3	3.4	3.6	3.4	3.1	3.1	3.8	3.3	3.5	2.9	3.2	3.3	3.4	2.5	2.5	2.8	3.0	31-4 Feb.
" 5-9	2.8	3.1	3.3	3.1	3.1	2.9	3.2	3.2	2.9	3.0	2.5	2.3	2.3	2.5	2.8	2.9	2.9	3.1	3.3	3.1	2.8	3.4	3.1	3.0	2.8	2.7	2.9	2.9	5-9
" 10-14	2.3	2.3	2.3	2.8	2.6	2.8	2.8	2.4	2.2	1.9	2.0	2.4	2.6	2.1	1.5	1.9	1.9	1.9	2.2	2.2	2.2	2.6	2.5	2.6	2.9	2.4	2.4	2.4	10-14
" 15-19	1.7	1.8	1.7	1.8	1.8	1.6	1.6	1.9	1.6	1.6	1.8	1.8	1.8	2.2	2.2	2.2	2.6	2.3	2.4	2.2	2.1	1.9	1.7	1.6	1.6	1.6	1.2	1.9	15-19
" 20-24	2.2	2.1	1.9	1.8	1.8	1.8	1.8	1.9	1.9	2.1	2.5	2.6	3.2	3.7	3.8	3.7	3.7	4.0	3.6	3.7	3.4	3.1	2.7	3.1	2.8	2.5	2.7	2.7	20-24
" 25-1	2.3	2.2	2.3	2.3	2.2	2.1	2.1	2.0	2.0	2.0	2.4	2.9	3.3	3.7	4.1	3.9	3.9	4.1	4.1	3.7	3.1	2.6	2.7	2.5	2.3	2.0	2.8	2.8	25-1
March 2-6	1.6	1.8	1.7	1.8	1.5	1.5	1.5	1.6	1.7	1.7	2.4	2.8	2.9	2.8	2.5	2.3	2.3	2.3	2.5	2.4	2.1	2.0	1.6	1.6	1.6	1.6	1.7	2.0	2-6 March
" 7-11	1.8	1.7	1.4	1.1	1.4	1.7	1.7	1.5	1.5	1.6	2.0	2.4	2.4	2.3	2.5	2.3	2.3	2.5	2.5	2.6	1.9	1.8	1.8	2.1	1.8	1.8	1.9	1.9	7-11
" 12-16	1.7	1.6	1.8	1.6	1.5	1.6	1.5	1.5	1.6	1.8	2.0	2.4	2.7	2.8	2.3	3.2	3.1	3.2	3.4	3.0	2.8	2.0	1.9	2.0	2.5	2.1	2.0	2.3	12-16
" 17-21	2.3	2.3	2.3	2.5	2.4	2.5	2.4	2.2	2.2	2.1	2.5	2.8	2.9	3.7	3.9	3.7	3.7	3.3	3.2	3.2	2.8	2.4	2.3	2.4	2.3	2.4	2.7	2.7	17-21
" 22-26	2.3	2.3	2.3	2.4	2.6	2.0	1.7	2.0	1.9	2.2	3.0	3.5	3.7	4.7	4.9	5.2	4.8	4.9	4.9	4.1	3.5	2.7	2.4	2.5	2.6	2.6	2.3	3.1	22-26
" 27-31	1.9	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.5	1.8	2.7	3.1	3.5	3.9	4.0	3.7	3.8	3.5	3.5	3.1	2.8	2.5	2.2	2.1	2.0	1.7	2.4	2.4	27-31
April 1-5	2.4	2.6	2.4	2.4	2.6	2.6	2.6	2.0	2.3	2.7	3.0	3.2	4.0	4.3	4.5	4.5	3.4	3.8	3.3	3.1	2.6	2.3	2.0	2.2	2.2	2.2	2.9	2.9	1-5 April
" 6-10	1.2	1.3	1.3	1.3	1.5	1.4	1.3	1.3	1.8	2.2	2.8	3.2	3.7	3.6	3.7	3.7	3.7	3.4	3.8	3.6	2.8	2.2	1.8	1.5	1.5	1.3	1.3	2.2	6-10
" 11-15	1.7	1.6	1.7	1.9	1.7	1.7	1.7	1.7	2.0	2.7	3.2	3.6	3.5	3.6	3.3	3.2	3.2	2.9	2.9	2.8	2.7	2.6	2.4	2.3	2.3	2.1	1.9	2.5	11-15
" 16-20	1.5	1.5	1.5	1.7	1.5	1.4	1.4	1.6	2.3	3.5	4.1	4.5	4.8	4.7	4.7	4.6	4.6	4.6	4.7	3.9	2.8	2.3	1.8	1.5	1.7	1.5	1.6	2.8	16-20
" 21-25	2.0	2.3	2.3	2.3	2.4	2.0	2.0	2.2	3.0	3.2	3.4	3.6	3.0	4.3	4.7	4.4	4.4	4.8	4.7	4.8	4.3	3.3	3.0	2.7	2.6	2.6	2.0	3.2	21-25
" 26-30	1.9	1.7	1.9	1.6	1.4	1.3	1.3	1.5	2.0	2.2	2.9	2.4	3.2	3.8	3.3	3.8	3.8	3.8	3.5	3.2	3.1	2.3	2.0	2.1	1.7	2.0	2.3	2.4	26-30
May 1-5	1.6	1.6	1.5	1.4	1.6	1.5	1.5	1.7	1.9	1.7	1.7	2.2	2.5	2.7	2.3	2.3	2.3	2.4	2.3	2.1	1.8	1.6	1.4	1.1	1.0	1.2	1.2	1.8	1-5 May
" 6-10	1.0	1.1	1.0	1.3	1.4	1.5	1.5	1.5	1.4	1.7	2.0	2.3	2.5	2.9	3.5	3.4	3.2	3.2	3.3	2.3	2.0	1.6	1.4	1.3	1.1	0.9	0.9	1.9	6-10
" 11-15	2.0	2.2	2.2	1.9	1.5	1.1	0.8	1.4	2.6	3.1	4.5	5.0	5.5	5.7	5.2	5.3	5.2	5.2	4.6	4.9	4.3	4.0	3.0	2.4	2.1	2.3	2.3	3.3	11-15
" 16-20	1.5	1.4	1.4	1.2	0.9	0.9	0.8	0.8	1.5	2.2	3.8	3.0	3.2	4.2	4.2	4.2	4.8	4.4	4.8	4.4	3.7	3.4	1.6	1.4	1.4	1.4	1.0	2.5	16-20
" 21-25	0.6	0.7	0.7	0.7	0.7	0.9	0.9	1.3	2.1	2.5	3.8	4.5	4.9	4.7	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.1	2.2	1.6	1.4	1.4	1.0	2.4	21-25
" 26-30	1.6	1.6	1.6	1.4	1.2	1.5	1.5	1.8	2.7	2.8	3.5	3.9	4.5	4.9	4.9	4.4	4.5	4.5	4.1	3.6	3.3	2.1	1.9	1.5	1.5	1.4	2.7	2.7	26-30
June 31-4	1.1	1.2	1.1	1.1	1.1	1.0	1.0	1.3	2.0	3.1	3.6	3.6	3.7	3.6	3.7	3.0	3.0	2.7	2.4	2.2	1.9	1.7	1.4	1.3	1.4	1.4	1.2	2.1	31-4 June
" 5-9	2.1	2.2	2.4	2.5	2.3	2.3	2.3	2.3	2.9	3.4	4.3	4.9	5.3	5.4	5.3	4.6	4.6	4.4	4.3	4.6	4.4	4.3	3.2	2.3	2.1	2.2	2.1	3.4	5-9
" 10-14	1.9	1.8	1.5	1.6	1.5	1.5	1.5	2.0	2.7	3.2	3.5	3.8	4.9	4.7	5.2	5.0	5.1	5.1	4.9	4.6	4.6	4.3	2.9	2.2	2.1	1.8	1.8	3.1	10-14
" 15-19	2.2	2.3	2.5	2.2	2.3	2.3	2.3	2.8	3.8	4.7	5.6	5.9	6.0	6.3	6.3	6.1	5.7	5.7	5.7	5.7	5.5	4.8	3.7	3.6	2.6	2.0	2.1	4.1	15-19
" 20-24	2.4	3.0	2.2	2.3	2.2	2.6	2.6	2.8	4.2	4.9	5.5	5.8	5.2	4.8	5.3	4.4	4.7	4.7	4.7	4.7	4.6	4.4	3.7	3.4	3.1	2.7	2.4	3.9	20-24
" 25-29	1.7	1.6	1.6	1.5	1.7	2.1	2.1	2.7	3.7	4.9	5.6	6.2	6.5	6.9	6.4	6.6	6.6	6.6	6.4	6.7	5.2	4.3	3.6	2.2	1.9	1.8	1.8	4.0	25-29

TABLE III.—HOURLY and DAILY MEAN DIFFERENCE between the DRY and WET-BULB THERMOMETERS for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.	A.M.												Noon.		P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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TABLE IV.—MEAN HOURLY and DAILY WIND
FALMOUTH OBSERVATORY

Five-day Periods.	A.M.																						Noon	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1889.																								
Jan. 1-5	+ 5'7	+ 2'6	+ 5'6	+ 3'1	+ 5'9	+ 4'4	+ 5'9	+ 3'1	+ 7'6	+ 2'4	+ 6'8	+ 1'4	+ 4'6	+ 2'0	+ 4'9	+ 1'5	+ 7'6	+ 2'0	+ 7'8	+ 2'5	+ 6'7	+ 3'9	+ 5'1	+ 4'3
" 6-10	- 7'4	- 6'5	- 5'8	- 7'5	- 5'8	- 6'8	- 3'1	- 7'7	- 3'7	- 10'6	- 2'7	- 9'8	- 3'7	- 8'0	- 2'6	- 8'3	- 1'7	- 8'1	- 4'1	- 5'8	- 7'5	- 9'3	- 5'9	- 6'7
" 11-15	+ 4'2	+ 4'3	+ 3'8	+ 4'2	+ 2'8	+ 3'3	+ 2'2	+ 3'8	+ 5'5	+ 3'7	+ 1'7	+ 1'5	+ 1'6	+ 2'8	+ 1'3	+ 3'6	- 0'1	+ 3'9	- 0'9	+ 2'8	- 1'0	+ 3'7	- 2'2	+ 3'7
" 16-20	- 2'5	- 3'9	- 0'9	- 2'5	- 2'0	- 2'4	- 0'9	- 3'3	- 1'0	- 2'5	- 1'9	- 1'9	- 1'0	- 2'0	- 0'8	- 0'6	- 1'9	+ 0'6	- 1'6	- 0'7	+ 0'3	- 2'8	+ 1'5	- 4'4
" 21-25	+ 7'9	+ 0'7	+ 8'0	+ 1'4	+ 6'9	+ 0'7	+ 8'4	+ 0'7	+ 6'8	+ 1'6	+ 8'1	+ 0'9	+ 7'8	+ 1'0	+ 7'8	+ 0'8	+ 8'5	+ 1'7	+ 8'2	+ 1'1	+ 10'5	+ 2'2	+ 11'8	+ 1'2
" 26-30	- 4'6	- 7'0	- 4'8	- 8'5	- 5'9	- 8'0	- 7'5	- 8'4	- 7'2	- 8'0	- 7'5	- 6'5	- 6'9	- 7'9	- 8'4	- 8'0	- 8'7	- 9'1	- 8'8	- 9'7	- 9'5	- 11'3	- 7'5	- 9'6
Feb. 31-4	+ 8'9	- 21'3	+ 11'7	- 23'5	+ 12'1	- 19'7	+ 14'6	- 19'8	+ 14'1	- 19'7	+ 11'7	- 17'4	+ 12'7	- 15'1	+ 13'2	- 17'2	+ 11'2	- 17'8	+ 10'7	- 19'6	+ 11'6	- 20'5	+ 11'3	- 23'9
" 5-9	+ 12'4	- 10'0	+ 12'2	- 12'6	+ 11'5	- 14'3	+ 13'2	- 14'5	+ 12'8	- 14'8	+ 13'9	- 15'9	+ 11'7	- 17'9	+ 10'9	- 15'7	+ 9'5	- 14'4	+ 10'9	- 17'6	+ 5'7	- 17'0	+ 6'9	- 19'3
" 10-14	- 1'0	- 18'6	+ 2'0	- 21'0	+ 6'7	- 19'7	+ 9'2	- 13'4	+ 7'4	- 11'0	+ 6'8	- 10'5	+ 3'9	- 9'8	+ 0'3	- 10'7	- 5'6	- 10'3	- 7'5	- 9'7	- 6'6	- 11'9	- 4'0	- 13'1
" 15-19	+ 4'1	- 15'9	+ 4'9	- 12'4	+ 5'0	- 13'0	+ 2'9	- 15'7	+ 2'5	- 13'2	+ 1'1	- 9'7	- 1'1	- 11'0	- 2'8	- 11'7	- 1'8	- 13'7	- 0'7	- 15'6	0'0	- 16'4	+ 1'9	- 18'2
" 20-24	+ 10'3	- 4'0	+ 11'2	- 4'3	+ 12'5	- 3'9	+ 7'7	- 0'6	+ 4'9	- 1'5	+ 8'4	- 2'3	+ 9'4	- 3'0	+ 8'8	- 3'1	+ 10'7	- 4'6	+ 14'1	- 2'5	+ 14'8	- 1'0	+ 14'7	- 4'3
" 25-1	+ 6'4	+ 3'6	+ 5'7	+ 3'4	+ 8'5	+ 2'6	+ 7'7	+ 2'2	+ 6'3	+ 2'9	+ 5'8	+ 2'8	+ 4'3	+ 2'6	+ 6'0	+ 3'2	+ 4'8	+ 4'3	+ 6'9	+ 6'3	+ 7'0	+ 7'4	+ 4'4	+ 8'2
March 2-6	- 4'2	+ 5'1	- 5'5	+ 4'7	- 6'1	+ 4'8	- 5'9	+ 3'2	- 6'4	+ 2'6	- 6'0	+ 4'9	- 7'6	+ 4'2	- 7'7	+ 5'1	- 7'9	+ 6'3	- 5'4	+ 4'6	- 11'5	+ 6'7	- 14'9	+ 6'3
" 7-11	+ 4'1	+ 3'0	+ 5'1	+ 2'9	+ 6'2	+ 2'6	+ 2'4	- 0'3	+ 2'8	- 0'4	+ 4'1	- 2'1	+ 6'0	- 0'7	+ 6'7	- 1'9	+ 9'4	- 1'9	+ 9'7	- 0'5	+ 11'6	- 0'5	+ 12'1	- 3'4
" 12-16	+ 8'5	- 2'7	+ 8'5	- 3'0	+ 9'2	- 3'5	+ 9'0	- 4'1	+ 10'6	- 5'1	+ 8'9	- 1'6	+ 6'3	- 1'6	+ 7'4	- 2'6	+ 6'6	- 3'1	+ 6'6	- 5'5	+ 7'8	- 3'1	+ 7'6	- 4'9
" 17-21	- 1'1	- 3'2	+ 1'7	- 4'8	+ 1'4	- 5'6	+ 2'4	- 4'9	+ 3'1	- 4'2	+ 0'2	- 2'6	+ 1'5	- 1'9	- 0'7	- 0'9	+ 0'7	- 0'1	- 3'0	+ 2'2	- 1'9	- 2'6	- 1'3	- 3'6
" 22-26	+ 3'0	- 9'9	+ 1'0	- 11'1	- 0'4	- 11'8	- 2'5	- 13'2	- 3'7	- 11'5	- 1'5	- 13'8	- 1'8	- 13'5	0'0	- 12'4	- 0'8	- 14'9	+ 0'2	- 16'4	+ 4'6	- 17'2	+ 2'6	- 16'4
" 27-31	+ 5'1	- 5'9	+ 5'2	- 6'0	+ 3'9	- 4'2	+ 4'4	- 5'2	+ 4'8	- 4'8	+ 3'7	- 4'6	+ 2'7	- 4'7	+ 2'6	- 1'9	+ 4'4	- 3'4	+ 2'3	- 7'9	+ 3'9	- 9'1	+ 3'9	- 9'5
April 1-5	+ 12'3	- 12'5	+ 10'0	- 11'6	+ 12'1	- 12'2	+ 9'7	- 11'1	+ 9'5	- 10'7	+ 10'9	- 11'0	+ 11'5	- 11'1	+ 13'5	- 13'4	+ 16'5	- 15'8	+ 16'5	- 15'0	+ 16'3	- 18'8	+ 15'2	- 21'1
" 6-10	+ 4'9	+ 2'8	+ 5'5	+ 2'7	+ 6'9	+ 1'2	+ 5'2	+ 1'6	+ 4'6	+ 0'9	+ 4'5	+ 2'8	+ 5'6	+ 2'0	+ 5'9	+ 2'4	+ 5'8	+ 2'4	+ 4'7	+ 2'9	+ 5'5	+ 5'2	+ 0'4	+ 5'9
" 11-15	+ 5'2	+ 2'6	+ 4'9	+ 2'2	+ 5'4	+ 1'4	+ 5'6	+ 0'8	+ 6'9	+ 0'4	+ 7'3	+ 1'5	+ 6'2	+ 1'8	+ 8'2	+ 2'7	+ 8'4	+ 3'8	+ 6'1	+ 4'0	+ 5'6	+ 5'7	+ 4'4	+ 3'6
" 16-20	+ 6'0	- 4'4	+ 6'4	- 4'7	+ 3'8	- 4'8	+ 1'9	- 4'7	+ 3'0	- 6'0	+ 5'5	- 6'0	+ 4'1	- 4'5	+ 5'2	- 4'5	+ 5'5	- 5'2	+ 3'9	- 3'6	+ 2'2	- 6'2	- 2'9	- 6'8
" 21-25	- 1'8	- 13'8	- 3'5	- 14'5	- 3'3	- 14'8	- 0'8	- 16'0	- 0'8	- 14'1	0'0	- 14'6	- 1'7	- 15'1	0'0	- 12'9	+ 1'1	- 15'1	- 0'4	- 17'4	+ 4'5	- 20'6	+ 5'4	- 21'3
" 26-30	- 8'0	+ 0'3	- 9'5	+ 0'7	- 10'1	+ 2'9	- 9'9	+ 2'0	- 11'0	+ 2'5	- 11'6	+ 3'7	- 13'6	+ 4'1	- 16'6	- 0'3	- 15'0	- 3'4	- 14'9	+ 0'2	- 17'8	+ 0'5	- 16'9	+ 1'0
May 1-5	- 12'6	+ 4'1	- 12'7	+ 2'0	- 10'8	+ 5'0	- 11'3	+ 5'2	- 11'1	+ 5'5	- 14'1	+ 5'8	- 13'2	+ 5'3	- 12'3	+ 4'2	- 13'8	+ 4'2	- 14'3	+ 4'3	- 12'3	+ 5'1	- 12'2	+ 4'1
" 6-10	- 3'4	- 0'6	- 1'7	- 1'7	- 2'1	- 1'3	- 3'1	- 0'3	- 3'4	- 0'9	- 3'2	- 0'0	- 3'0	+ 1'2	- 4'9	- 0'3	- 5'3	- 1'8	- 5'0	- 0'8	- 4'2	- 1'1	- 5'3	+ 0'2
" 11-15	+ 6'3	- 4'4	+ 5'0	- 2'5	+ 5'5	- 4'6	+ 5'6	- 2'8	+ 5'7	- 2'8	+ 4'8	- 1'1	+ 4'8	- 1'9	+ 8'1	- 2'3	+ 5'3	- 1'1	+ 5'9	+ 0'6	+ 5'1	- 0'7	+ 2'7	- 0'3
" 16-20	+ 4'4	- 6'3	+ 2'9	- 5'9	+ 3'2	- 5'7	+ 5'3	- 6'7	+ 5'6	- 5'9	+ 5'0	- 5'6	+ 4'1	- 5'3	+ 6'9	- 5'7	+ 4'9	- 5'2	+ 6'8	- 7'1	+ 3'2	- 6'7	+ 1'3	- 3'7
" 21-25	+ 7'9	- 1'7	+ 7'7	- 1'4	+ 7'6	- 2'1	+ 8'6	- 2'2	+ 7'6	- 1'6	+ 7'3	- 2'6	+ 9'0	- 0'6	+ 8'6	- 0'1	+ 7'8	- 2'0	+ 5'7	- 2'4	+ 4'9	- 1'8	+ 4'9	- 2'4
" 26-30	+ 4'0	- 6'7	- 0'5	- 5'2	+ 0'6	- 6'9	- 1'9	- 7'5	- 2'3	- 7'4	- 2'0	- 6'2	- 2'6	- 7'0	- 3'8	- 9'0	- 5'6	- 7'0	- 7'9	- 9'3	- 8'3	- 11'2	- 6'2	- 8'7
June 31-4	- 13'7	- 3'6	- 13'2	- 3'7	- 11'9	- 4'9	- 11'8	- 2'1	- 11'0	- 1'3	- 12'0	+ 0'4	- 13'5	- 0'7	- 15'2	- 1'6	- 15'4	- 0'6	- 16'1	+ 1'1	- 18'3	+ 0'4	- 17'7	+ 1'8
" 5-9	+ 10'0	- 3'2	+ 12'2	- 3'3	+ 11'9	- 4'6	+ 11'7	- 3'4	+ 11'2	- 3'5	+ 11'3	- 3'7	+ 11'8	- 4'0	+ 11'5	- 4'6	+ 13'3	- 1'9	+ 10'7	- 2'3	+ 12'7	- 1'9	+ 14'1	- 1'4
" 10-14	+ 2'8	- 1'7	+ 2'4	- 2'2	+ 2'4	- 1'3	+ 4'3	- 3'1	+ 5'3	- 2'8	+ 6'2	- 1'6	+ 5'5	- 3'9	+ 4'8	- 3'6	+ 3'7	- 4'0	+ 0'6	- 1'6	+ 1'8	- 4'8	+ 0'6	- 5'0
" 15-19	+ 7'1	+ 0'1	+ 6'8	- 1'8	+ 5'9	- 0'2	+ 6'2	+ 0'5	+ 5'4	+ 0'6	+ 6'9	+ 1'4	+ 7'0	+ 2'4	+ 6'7	+ 2'7	+ 3'6	+ 7'2	+ 3'0	+ 6'3	+ 0'6	+ 9'5	- 2'0	+ 9'9
" 20-24	+ 2'4	+ 0'4	+ 2'7	+ 0'6	+ 2'7	+ 0'8	+ 4'0	+ 1'7	+ 5'3	+ 2'1	+ 4'2	+ 2'3	+ 3'8	+ 3'8	+ 3'7	+ 5'4	+ 0'7	+ 7'0	- 0'8	+ 9'8	- 5'6	+ 10'8	- 3'6	+ 0'4
" 25-29	+ 7'7	- 3'9	+ 7'8	- 4'1	+ 7'5	- 4'4	+ 6'2	- 4'0	+ 5'0	- 5'1	+ 5'5	- 5'5	+ 5'6	- 5'4	+ 7'4	- 5'9	+ 5'1	- 5'1	+ 2'0	- 4'8	+ 2'7	- 4'6	+ 5'5	- 6'4

COMPONENTS for FIVE-DAY PERIODS.

LAT. 50° 9' N. LONG. 5° 4' W.

P.M.																						Midt.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		N.	E.
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.		
+ 4'2	+ 5'5	+ 4'4	+ 6'3	+ 3'9	+ 6'2	+ 4'7	+ 4'9	+ 4'5	+ 5'1	+ 4'0	+ 3'9	+ 5'7	+ 1'8	+ 5'5	+ 3'8	+ 4'1	+ 3'0	+ 2'2	+ 2'0	+ 3'1	+ 0'7	+ 2'4	+ 4'3	+ 5'1	+ 3'4
- 9'4	- 5'7	- 9'0	- 5'7	- 11'2	- 6'6	- 8'4	- 6'3	- 6'4	- 6'4	- 5'8	- 5'6	- 3'4	- 6'6	- 5'3	- 6'7	- 7'9	- 6'5	- 8'6	- 5'0	- 6'8	- 5'5	- 8'6	- 7'2	- 6'0	- 7'0
- 3'2	+ 3'8	- 3'2	+ 3'8	- 2'9	+ 3'6	- 2'5	+ 3'5	- 2'5	+ 4'9	- 3'4	+ 5'4	- 2'6	+ 5'5	- 3'2	+ 5'4	- 4'3	+ 6'5	- 2'7	+ 7'1	- 4'1	+ 9'0	- 1'6	+ 8'4	- 0'8	+ 4'6
+ 3'1	- 4'6	+ 2'8	- 3'9	+ 2'2	- 4'1	0'0	- 6'1	+ 1'5	- 6'2	+ 1'2	- 4'4	+ 1'8	- 3'5	- 0'5	- 4'1	- 1'6	- 2'8	- 0'9	- 3'8	+ 1'0	- 4'8	+ 3'4	- 5'4	+ 0'1	- 3'3
+ 12'3	+ 0'6	+ 11'6	- 0'9	+ 9'9	- 1'0	+ 10'5	- 0'1	+ 10'8	- 0'6	+ 10'0	- 0'4	+ 9'5	+ 0'4	+ 6'9	+ 0'1	+ 8'5	- 0'4	+ 5'6	- 0'3	+ 6'7	+ 0'6	+ 5'7	- 0'6	+ 8'8	+ 0'5
+ 1'2	- 10'3	+ 2'8	- 9'8	+ 2'5	- 12'2	+ 2'8	- 9'5	+ 4'3	- 9'8	+ 3'6	- 10'0	+ 2'9	- 8'1	- 0'2	- 9'3	- 0'9	- 6'5	- 3'6	- 5'6	- 4'1	- 5'0	- 3'9	- 6'7	- 5'3	- 8'5
+ 12'5	- 24'8	+ 10'2	- 21'2	+ 11'9	- 22'1	+ 11'0	- 23'1	+ 12'6	- 20'4	+ 10'7	- 18'5	+ 11'2	- 19'0	+ 14'5	- 19'9	+ 15'1	- 19'4	+ 13'3	- 15'9	+ 13'1	- 15'5	+ 14'7	- 18'3	+ 12'3	- 10'7
+ 11'1	- 18'2	+ 16'5	- 19'1	+ 15'0	- 14'9	+ 15'7	- 10'5	+ 13'8	- 11'1	+ 12'6	- 10'5	+ 11'1	- 10'2	+ 9'3	- 12'0	+ 6'9	- 11'7	+ 10'7	- 9'9	+ 8'9	- 10'0	+ 10'7	- 10'1	+ 11'4	- 13'8
- 0'2	- 16'0	+ 8'7	- 24'9	+ 9'5	- 25'0	+ 11'5	- 23'7	+ 11'6	- 15'2	+ 10'0	- 16'3	+ 7'1	- 17'5	+ 6'2	- 18'1	+ 6'2	- 16'9	+ 4'9	- 17'8	+ 4'6	- 20'5	+ 4'1	- 24'0	+ 4'0	- 16'4
+ 4'5	- 16'8	+ 4'2	- 18'3	+ 3'0	- 17'2	+ 4'6	- 16'2	+ 3'9	- 14'2	+ 1'5	- 12'9	+ 1'0	- 13'2	+ 1'8	- 13'4	- 0'1	- 12'5	- 0'4	- 12'5	0'0	- 13'6	0'0	- 12'9	+ 1'7	- 14'2
+ 17'0	- 1'5	+ 18'5	- 4'0	+ 15'7	- 1'5	+ 13'4	- 3'9	+ 16'1	- 3'2	+ 15'2	- 4'0	+ 14'7	- 1'6	+ 14'0	- 1'2	+ 13'9	- 0'6	+ 14'8	- 1'2	+ 12'2	- 1'9	+ 10'8	- 1'1	+ 12'7	- 2'5
+ 4'2	+ 8'6	+ 4'5	+ 7'0	+ 2'6	+ 7'2	+ 4'2	+ 5'8	+ 5'0	+ 4'5	+ 4'9	+ 4'1	+ 3'8	+ 4'4	+ 3'8	+ 5'7	+ 6'2	+ 3'9	+ 7'7	+ 3'6	+ 5'6	+ 3'4	+ 5'7	+ 3'2	+ 5'5	+ 4'6
- 14'7	+ 6'0	- 12'9	+ 6'2	- 13'1	+ 6'1	- 13'5	+ 5'3	- 12'4	+ 5'4	- 10'0	+ 5'3	- 8'3	+ 7'6	- 9'6	+ 8'4	- 8'9	+ 7'6	- 9'5	+ 7'6	- 10'2	+ 10'0	- 9'7	+ 8'6	- 9'2	+ 5'9
+ 11'9	- 1'1	+ 13'7	- 2'8	+ 13'5	- 3'7	+ 12'7	- 4'3	+ 6'3	- 5'0	+ 6'5	- 5'9	+ 4'0	- 4'7	+ 2'9	- 7'8	+ 4'0	- 6'2	+ 3'4	- 5'3	+ 9'2	- 3'5	+ 8'9	- 3'6	+ 7'4	- 2'4
+ 9'0	- 4'9	+ 10'0	- 6'0	+ 9'7	- 6'6	+ 11'7	- 7'4	+ 11'6	- 6'6	+ 10'5	- 5'1	+ 7'6	- 3'6	+ 7'5	- 2'8	+ 8'6	- 3'5	+ 9'2	- 3'5	+ 6'4	- 1'5	+ 7'4	- 2'0	+ 8'6	- 3'8
- 2'6	- 2'6	- 0'8	- 3'5	- 1'2	- 2'7	+ 0'2	- 3'9	+ 5'7	- 4'5	+ 2'3	- 4'8	+ 3'6	- 3'8	+ 2'6	- 4'1	+ 3'1	- 3'0	+ 1'8	- 2'3	+ 1'6	- 3'9	+ 1'4	- 1'9	+ 0'9	- 3'1
+ 2'7	- 14'5	+ 5'4	- 19'7	+ 6'4	- 17'0	+ 6'7	- 16'4	+ 3'7	- 15'1	+ 3'4	- 13'9	+ 1'0	- 11'9	+ 1'6	- 10'2	+ 2'8	- 9'6	+ 3'5	- 10'0	+ 5'6	- 11'3	+ 2'6	- 11'2	+ 1'8	- 13'4
+ 3'7	- 8'5	+ 4'9	- 9'6	+ 8'2	- 9'9	+ 11'4	- 10'2	+ 12'1	- 8'7	+ 9'8	- 5'1	+ 7'6	- 4'8	+ 9'2	- 6'6	+ 8'3	- 6'9	+ 7'9	- 5'4	+ 7'8	- 5'2	+ 5'6	- 6'1	+ 6'0	- 6'4
+ 14'2	- 22'0	+ 10'3	- 22'2	+ 9'7	- 20'8	+ 9'1	- 19'1	+ 9'0	- 20'0	+ 8'4	- 18'6	+ 8'0	- 17'4	+ 7'3	- 14'0	+ 8'2	- 12'6	+ 11'1	- 14'3	+ 10'6	- 14'0	+ 12'3	- 11'6	+ 11'3	- 15'5
- 0'8	+ 5'1	- 3'3	+ 3'9	- 6'0	+ 3'1	+ 0'8	+ 0'4	+ 2'7	- 0'4	+ 1'8	- 1'4	+ 0'8	+ 2'1	+ 1'9	+ 2'8	+ 1'3	+ 2'9	+ 3'5	+ 3'1	+ 1'9	+ 3'2	+ 3'2	+ 4'2	+ 2'8	+ 2'6
+ 3'8	+ 3'2	+ 3'7	+ 2'0	+ 2'9	+ 1'7	+ 4'1	+ 0'3	+ 7'8	+ 0'3	+ 6'7	- 0'1	+ 9'5	+ 0'5	+ 9'3	+ 0'9	+ 9'3	+ 2'2	+ 8'8	+ 1'9	+ 7'5	+ 1'1	+ 6'2	+ 0'2	+ 6'5	+ 1'9
+ 0'3	- 9'7	- 1'2	- 8'2	+ 2'5	- 9'6	+ 5'1	- 9'0	+ 5'2	- 8'8	+ 4'3	- 8'7	+ 2'9	- 8'8	+ 2'0	- 7'0	+ 1'6	- 7'2	+ 1'0	- 6'6	+ 0'6	- 6'3	- 0'6	- 6'2	+ 2'8	- 6'6
+ 7'0	- 22'6	+ 7'0	- 20'8	+ 6'9	- 19'7	+ 4'7	- 18'5	+ 7'4	- 18'2	+ 4'2	- 15'8	+ 5'0	- 13'6	+ 4'7	- 12'2	+ 3'2	- 11'4	+ 1'1	- 13'2	+ 5'1	- 14'6	+ 1'9	- 12'3	+ 2'4	- 16'0
- 18'7	+ 1'3	- 20'5	+ 2'0	- 19'1	- 0'7	- 17'3	- 0'1	- 13'9	0'0	- 13'3	+ 0'1	- 11'3	- 1'6	- 10'7	+ 0'4	- 10'3	+ 0'5	- 11'9	+ 0'3	- 12'5	+ 1'6	- 13'2	+ 2'4	- 13'7	+ 0'9
- 16'4	+ 1'1	- 17'5	+ 1'1	- 14'7	+ 2'6	- 13'1	+ 2'6	- 11'2	+ 2'5	- 9'6	+ 4'5	- 8'9	+ 2'9	- 10'3	+ 3'2	- 6'4	+ 1'9	- 5'4	+ 0'1	- 4'0	+ 1'2	- 6'1	+ 0'7	- 11'4	+ 3'3
- 6'2	- 0'6	- 8'4	- 1'0	- 7'5	- 2'6	- 5'9	- 2'6	- 7'4	- 2'4	- 7'7	0'0	- 6'4	+ 0'7	- 7'1	+ 1'7	- 7'2	+ 3'3	- 6'6	+ 3'2	- 7'0	+ 4'4	- 7'5	+ 1'5	- 5'4	- 0'1
+ 1'6	- 1'8	+ 5'8	- 3'2	+ 6'2	- 3'1	+ 5'6	- 3'2	+ 6'4	- 4'7	+ 4'2	- 4'2	+ 3'7	- 4'3	+ 4'3	- 3'5	+ 5'3	- 2'2	+ 8'8	- 4'5	+ 9'1	- 3'9	+ 8'1	- 4'7	+ 5'6	- 2'8
+ 2'9	- 4'1	+ 5'8	- 6'4	+ 6'9	- 7'6	+ 5'0	- 7'9	+ 3'9	- 7'1	+ 5'8	- 8'1	+ 5'2	- 6'6	+ 3'9	- 5'1	+ 4'7	- 3'5	+ 4'4	- 3'9	+ 4'6	- 5'3	+ 3'6	- 5'3	+ 4'6	- 5'9
+ 7'6	- 3'0	+ 6'1	- 2'9	+ 7'9	- 1'0	+ 8'9	- 3'3	+ 7'3	- 2'0	+ 8'3	- 1'7	+ 8'6	- 2'1	+ 8'8	- 3'2	+ 8'7	- 2'2	+ 8'8	- 2'4	+ 8'3	- 2'3	+ 7'7	- 2'1	+ 7'7	- 2'0
- 4'5	- 9'7	- 6'5	- 8'6	+ 7'0	- 9'8	- 8'6	- 11'6	- 9'8	- 10'3	- 10'1	- 9'4	- 7'9	- 10'7	- 6'5	- 9'0	- 6'7	- 7'6	- 7'7	- 6'4	- 7'8	- 7'0	- 7'3	- 6'5	- 5'4	- 8'3
- 17'5	+ 2'4	- 17'6	+ 2'1	- 17'5	+ 0'7	- 16'8	+ 0'4	- 14'7	- 0'8	- 13'7	- 1'8	- 12'1	- 0'6	- 9'2	- 1'0	- 8'5	- 1'3	- 9'4	- 1'7	- 7'3	- 1'8	- 9'6	- 2'7	- 13'5	- 0'9
+ 13'3	- 1'9	+ 12'0	- 2'9	+ 13'4	- 4'0	+ 17'5	- 6'0	+ 20'0	- 7'2	+ 18'7	- 7'7	+ 18'7	- 7'7	+ 18'8	- 7'4	+ 18'8	- 6'9	+ 16'3	- 7'1	+ 14'9	- 6'2	+ 14'5	- 3'6	+ 14'1	- 4'4
- 0'9	- 5'1	- 0'6	- 7'4	- 1'3	- 7'0	- 0'5	- 6'1	- 2'2	- 4'1	- 1'0	- 4'2	- 0'4	- 4'9	0'0	- 2'8	+ 1'0	- 1'7	0'0	- 1'0	- 0'3	- 2'0	- 2'0	- 0'6	+ 1'3	- 3'4
- 1'9	+ 11'3	- 3'7	+ 9'3	- 1'4	+ 4'8	+ 2'3	+ 2'4	+ 5'9	+ 0'9	+ 6'9	- 0'7	+ 6'7	- 2'4	+ 7'3	- 1'4	+ 5'4	- 1'3	+ 5'0	- 0'4	+ 2'3	- 1'0	+ 3'1	+ 0'2	+ 3'9	+ 2'5
- 5'9	+ 8'1	- 4'8	+ 7'0	- 4'0	+ 7'4	- 3'5	+ 4'6	- 1'5	+ 3'7	- 0'2	+ 1'8	0'0	0'0	- 1'2	+ 0'2	+ 2'3	- 1'0	+ 2'3	- 0'9	+ 2'2	- 0'2	+ 2'0	+ 0'2	+ 0'4	+ 3'5
+ 5'7	- 7'1	+ 5'9	- 6'8	+ 9'8	- 7'7	+ 10'4	- 6'3	+ 12'5	- 6'4	+ 11'1	- 7'5	+ 8'8	- 5'9	+ 7'9	- 6'1	+ 4'9	- 4'4	+ 7'2	- 6'3	+ 6'7	- 6'4	+ 7'0	- 6'4	+ 7'1	- 5'7

TABLE IV.—MEAN HOURLY and DAILY WIND

Five-day Periods.	A.M.																								Noon.
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.		
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
1889.																									
July 30-4	+ 3'5	- 0'3	+ 2'5	+ 0'6	+ 1'2	+ 0'8	+ 1'0	+ 1'1	+ 1'2	+ 1'0	+ 1'8	+ 2'4	+ 2'4	+ 3'8	+ 3'6	+ 4'1	+ 4'3	+ 5'1	+ 3'5	+ 4'6	+ 4'1	+ 5'2	+ 2'0	+ 4'6	
" 5-9	- 0'9	- 3'3	- 2'4	- 3'3	+ 0'7	- 3'9	- 0'2	- 4'4	- 0'2	- 3'3	+ 0'8	- 1'0	- 3'3	- 0'1	- 2'5	- 0'3	- 4'2	+ 0'1	- 3'5	- 0'2	- 2'9	- 1'3	- 4'0	- 1'3	
" 10-14	- 1'7	- 0'6	- 2'3	- 1'8	- 1'9	- 3'3	- 1'1	- 3'3	- 1'3	- 3'3	+ 0'6	- 1'6	- 0'8	- 2'5	- 0'5	- 1'5	- 1'8	+ 0'3	- 1'5	- 2'6	- 1'3	- 6'0	- 1'0	- 7'0	
" 15-19	+ 0'7	- 5'1	+ 1'4	- 6'8	+ 2'8	- 6'4	+ 1'8	- 5'7	+ 0'6	- 5'4	0'0	- 5'3	- 0'1	- 7'9	+ 0'3	- 8'8	+ 0'2	- 9'9	- 0'4	- 9'4	- 3'3	- 10'6	+ 0'2	- 9'6	
" 20-24	- 4'8	- 9'3	- 7'0	- 8'2	- 6'9	- 5'4	- 5'8	- 7'1	- 6'7	- 7'1	- 6'9	- 10'3	- 6'9	- 12'9	- 5'3	- 12'3	- 4'8	- 15'2	- 7'7	- 16'0	- 8'6	- 16'9	- 11'1	- 17'2	
" 25-29	+ 5'2	- 9'2	+ 5'3	- 11'0	+ 7'1	- 10'9	+ 7'3	- 9'4	+ 6'5	- 8'0	+ 8'8	- 8'3	+ 8'4	- 9'3	+ 8'7	- 8'8	+ 9'3	- 9'7	+ 5'9	- 9'6	+ 5'5	- 9'9	+ 3'9	- 10'7	
Aug. 30-3	- 6'3	- 2'1	- 8'1	- 3'2	- 8'9	- 4'5	- 8'7	- 3'7	- 8'8	- 4'6	- 8'5	- 4'7	- 9'1	- 3'5	- 11'1	- 2'9	- 11'2	- 5'6	- 12'7	- 5'8	- 11'9	- 6'5	- 11'7	- 5'9	
" 4-8	- 3'2	- 7'4	- 3'1	- 7'1	- 1'6	- 7'4	- 1'5	- 6'8	- 2'4	- 7'1	- 2'1	- 8'2	- 3'6	- 8'1	- 2'2	- 10'4	- 4'4	- 13'6	- 5'1	- 12'5	- 4'3	- 13'7	- 3'6	- 13'5	
" 9-13	+ 0'2	- 6'7	- 0'2	- 5'7	- 0'9	- 6'8	- 1'2	- 7'3	- 0'7	- 8'7	0'0	- 7'7	- 1'2	- 6'6	- 0'5	- 5'9	+ 0'1	- 7'1	+ 1'6	- 10'1	+ 1'7	- 10'2	+ 2'0	- 12'3	
" 14-18	- 1'8	- 12'0	- 3'3	- 13'3	- 3'6	- 13'0	- 4'1	- 12'6	- 4'4	- 11'5	- 5'8	- 12'0	- 0'1	- 13'6	- 2'0	- 14'5	- 2'9	- 16'3	- 3'5	- 15'3	- 5'8	- 17'0	- 6'6	- 16'2	
" 19-23	+ 3'4	- 11'9	+ 3'0	- 10'0	+ 3'5	- 8'3	+ 3'0	- 7'2	+ 0'2	- 6'3	- 1'3	- 6'8	+ 0'7	- 8'0	+ 0'7	- 10'6	- 0'9	- 14'6	+ 1'0	- 12'2	+ 3'2	- 17'9	0'0	- 18'9	
" 24-28	+ 3'1	- 7'3	+ 3'3	- 7'7	+ 3'6	- 6'0	+ 1'6	- 6'4	+ 4'0	- 6'9	+ 3'3	- 6'1	+ 5'3	- 6'1	+ 4'4	- 6'6	+ 5'8	- 7'6	+ 7'2	- 9'1	+ 5'0	- 10'7	+ 7'6	- 10'1	
Sept. 29-2	+ 0'9	+ 2'0	+ 2'1	+ 2'3	- 0'5	+ 4'0	+ 1'6	+ 4'1	+ 0'7	+ 3'7	- 0'2	+ 2'0	+ 0'3	- 1'0	- 0'4	+ 0'6	- 1'3	+ 3'8	- 2'5	+ 3'6	- 1'3	+ 5'2	- 1'9	+ 5'1	
" 3-7	+ 4'0	- 0'4	+ 3'0	- 1'3	+ 0'6	- 0'1	+ 1'8	+ 1'0	+ 1'5	+ 1'1	+ 0'3	+ 1'4	+ 1'2	+ 1'2	+ 1'4	+ 3'0	+ 0'7	+ 4'7	- 0'6	+ 6'4	- 1'9	+ 7'4	- 0'2	+ 5'6	
" 8-12	- 3'1	- 1'8	- 4'5	- 1'3	- 4'3	+ 0'8	- 5'8	+ 1'1	- 6'3	+ 1'4	- 6'2	+ 1'2	- 4'6	+ 1'8	- 4'9	+ 1'5	- 5'8	+ 1'7	- 6'1	+ 1'5	- 6'6	+ 0'6	- 7'4	+ 1'2	
" 13-17	- 0'4	+ 1'4	+ 0'2	+ 0'9	+ 0'4	+ 1'7	+ 0'3	+ 0'9	+ 0'2	+ 1'1	+ 0'8	+ 3'2	+ 1'9	+ 2'7	+ 1'6	+ 4'1	+ 1'1	+ 5'5	- 1'2	+ 5'0	- 1'2	+ 5'9	- 2'6	+ 5'2	
" 18-22	+ 5'7	- 4'2	+ 5'9	- 4'5	+ 5'5	- 3'9	+ 2'8	- 3'1	+ 4'2	- 7'3	+ 2'0	- 5'6	+ 4'2	- 3'2	+ 5'1	- 4'8	+ 6'9	- 6'7	+ 7'4	- 9'0	+ 8'7	- 10'1	+ 7'5	- 10'4	
" 23-27	+ 4'4	- 4'7	+ 4'7	- 6'7	+ 2'6	- 6'2	+ 2'2	- 5'9	+ 2'7	- 5'6	+ 0'6	- 7'2	+ 3'0	- 6'9	+ 1'6	- 6'9	- 0'3	- 5'9	- 1'1	- 6'1	+ 0'9	- 6'5	- 0'6	- 8'2	
Oct. 28-2	+ 11'1	- 5'1	+ 9'5	- 6'2	+ 10'9	- 5'7	+ 10'1	- 6'9	+ 13'3	- 6'8	+ 12'3	- 5'7	+ 12'6	- 7'2	+ 12'4	- 6'2	+ 12'2	- 3'8	+ 15'2	- 5'2	+ 19'7	- 4'9	+ 18'4	- 6'3	
" 3-7	- 9'7	- 11'6	- 11'4	- 12'8	- 1'2	- 15'0	+ 3'0	- 13'3	+ 3'9	- 16'0	+ 4'8	- 14'4	+ 5'5	- 14'8	+ 3'4	- 15'4	+ 4'6	- 16'4	+ 6'1	- 17'1	+ 6'1	- 17'8	+ 9'7	- 17'5	
" 8-12	- 1'5	- 12'7	- 2'9	- 11'7	- 1'0	- 9'6	- 0'5	- 8'4	- 0'4	- 8'6	+ 1'6	- 8'6	- 0'3	- 6'7	- 0'1	- 5'7	- 1'4	- 6'0	- 3'7	- 9'2	- 5'1	- 10'1	- 6'7	- 11'1	
" 13-17	- 1'4	- 2'9	- 1'4	- 3'8	+ 1'2	- 2'8	+ 1'5	- 3'5	+ 1'1	- 3'1	+ 0'7	- 4'8	+ 0'9	- 4'2	+ 2'5	- 3'0	+ 2'0	- 3'9	+ 2'2	- 3'1	- 1'9	- 5'0	+ 0'4	- 4'7	
" 18-22	+ 2'9	- 7'0	+ 3'7	- 5'5	+ 1'4	- 3'9	+ 1'9	- 4'4	+ 1'2	- 3'1	+ 0'2	- 4'0	+ 1'4	- 3'0	+ 1'4	- 1'5	- 2'1	- 1'5	- 3'2	- 2'4	- 4'0	- 0'7	- 2'6	- 2'0	
" 23-27	+ 7'1	+ 4'2	+ 8'2	+ 3'8	+ 10'5	+ 4'6	+ 9'8	+ 4'8	+ 10'6	+ 4'5	+ 8'7	+ 8'1	+ 10'6	+ 3'1	+ 8'7	+ 4'6	+ 9'0	+ 5'1	+ 10'7	+ 3'3	+ 12'3	+ 5'3	+ 10'0	+ 6'1	
Nov. 28-1	- 2'7	- 4'8	- 2'0	- 5'4	- 3'7	- 5'3	- 4'1	- 7'5	+ 3'7	- 10'2	+ 2'2	- 7'6	+ 1'0	- 7'0	- 0'4	- 7'0	- 1'9	- 9'3	- 2'2	- 9'4	- 2'9	- 10'4	- 5'0	- 10'6	
" 2-6	0'0	- 6'8	- 2'8	- 6'1	- 3'6	- 6'0	- 3'0	- 6'8	- 3'6	- 9'1	- 4'1	- 7'2	- 3'8	- 8'7	- 3'6	- 9'5	- 5'4	- 7'7	- 5'1	- 8'3	+ 0'3	- 10'3	+ 5'1	- 7'9	
" 7-11	+ 2'5	+ 2'7	+ 3'0	+ 1'5	+ 1'7	- 0'6	+ 2'9	+ 0'3	+ 3'0	- 1'3	+ 2'2	+ 1'0	+ 1'8	- 0'1	+ 2'5	- 1'7	+ 2'9	- 1'8	+ 2'4	- 3'0	+ 5'2	- 3'2	+ 4'9	- 1'2	
" 12-16	- 7'7	+ 4'7	- 9'6	+ 3'6	- 6'5	+ 0'7	- 7'3	+ 4'7	- 5'1	+ 4'7	- 5'6	+ 3'5	- 5'4	+ 4'9	- 5'8	+ 2'9	- 4'4	+ 3'5	- 7'0	+ 1'4	- 7'2	+ 2'7	- 6'8	+ 2'7	
" 17-21	- 5'7	+ 8'7	- 6'0	+ 8'9	- 6'9	+ 8'7	- 5'7	+ 6'7	- 6'8	+ 6'8	- 6'6	+ 6'7	- 7'8	+ 6'5	- 6'7	+ 7'3	- 6'8	+ 6'7	- 6'4	+ 7'7	- 8'8	+ 8'8	- 8'3	+ 5'8	
" 22-26	- 1'5	- 5'2	- 1'6	- 6'0	+ 0'4	- 8'6	+ 7'2	- 4'6	+ 7'1	- 7'8	+ 8'5	- 10'1	+ 9'2	- 9'6	+ 8'6	- 9'9	+ 3'3	- 9'3	+ 1'9	- 10'2	+ 0'2	- 9'9	- 0'9	- 10'8	
Dec. 27-1	+ 3'7	- 0'5	+ 5'0	- 3'7	+ 3'9	- 3'7	+ 4'1	- 2'7	+ 6'0	+ 1'9	+ 4'0	- 2'3	+ 4'4	+ 0'4	+ 3'9	- 0'3	+ 2'9	+ 0'8	+ 1'1	+ 4'1	- 1'4	+ 4'2	+ 0'7	+ 1'4	
" 2-6	- 7'0	+ 8'8	- 4'7	+ 10'9	- 3'6	+ 9'6	- 3'1	+ 8'3	- 2'6	+ 8'7	- 2'4	+ 9'2	- 3'3	+ 9'4	- 3'6	+ 9'3	- 4'3	+ 9'2	- 4'4	+ 10'8	- 3'4	+ 11'1	- 3'8	+ 11'2	
" 7-11	+ 5'5	- 8'9	+ 5'2	- 8'6	+ 3'9	- 7'9	0'0	- 9'9	+ 1'0	- 9'4	- 1'8	- 9'3	+ 0'2	- 11'0	+ 0'2	- 10'8	+ 6'6	- 9'5	+ 7'0	- 8'6	+ 9'0	- 8'9	+ 9'5	- 11'5	
" 12-16	- 1'4	- 7'3	- 1'2	- 4'9	+ 0'3	- 6'6	- 1'8	- 7'7	- 0'2	- 5'4	- 0'2	- 5'6	+ 2'2	- 5'4	+ 0'8	- 4'4	- 2'8	- 6'5	- 3'4	- 5'7	- 5'8	- 6'0	- 7'9	- 9'5	
" 17-21	- 9'2	- 9'2	- 10'6	- 9'6	- 10'9	- 8'9	- 12'6	- 9'6	- 10'7	- 11'3	- 7'7	- 11'6	- 4'4	- 11'3	- 5'2	- 12'7	- 6'7	- 11'7	- 6'9	- 12'9	- 8'5	- 14'4	- 10'8	- 16'5	
" 22-26	- 9'4	- 13'6	- 8'9	- 11'8	- 9'5	- 11'6	- 7'9	- 11'0	- 8'5	- 12'8	- 4'1	- 17'0	+ 3'6	- 13'5	- 0'9	- 11'5	- 1'2	- 11'6	- 1'0	- 10'2	- 4'4	- 12'4	- 6'9	- 14'3	
" 27-31	- 3'3	+ 2'4	- 3'3	+ 1'2	- 1'6	+ 2'9	- 0'4	+ 3'5	- 0'9	+ 1'4	- 2'6	+ 1'3	- 2'9	+ 1'4	- 3'2	+ 0'4	- 4'6	+ 0'6	- 6'1	+ 0'6	- 4'6	+ 0'5	- 5'0	+ 0'2	

COMPONENTS for FIVE-DAY PERIODS—continued.

P.M.																						Midt.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.			
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
+ 2'9	+ 3'9	+ 3'7	+ 2'4	+ 4'2	+ 3'7	+ 2'3	+ 3'1	+ 5'4	+ 2'4	+ 4'5	+ 2'2	+ 5'6	- 0'2	+ 3'3	+ 1'1	+ 4'1	+ 0'3	+ 1'8	+ 1'4	+ 2'8	+ 0'9	+ 3'2	+ 0'7	+ 3'1	+ 2'3
- 2'2	- 2'9	- 0'5	- 1'6	- 0'6	- 1'6	- 0'3	- 3'8	- 1'7	- 6'5	- 2'4	- 6'4	- 2'5	- 5'3	- 0'9	- 3'7	- 1'7	- 2'9	- 3'9	- 3'3	- 3'9	- 0'9	- 3'3	- 1'0	- 1'9	- 2'6
+ 0'3	- 10'1	+ 2'4	- 7'4	- 1'3	- 9'4	+ 1'5	- 8'6	+ 5'3	- 10'1	+ 1'0	- 8'7	+ 1'3	- 6'2	+ 1'3	- 4'5	+ 1'4	- 3'4	+ 1'2	- 4'3	+ 0'4	- 3'6	- 0'5	- 4'2	0'0	- 4'7
- 0'3	- 6'9	- 2'2	- 9'9	- 0'9	- 10'5	- 1'3	- 8'6	- 3'2	- 8'1	+ 1'5	- 7'8	+ 2'9	- 4'8	+ 3'5	- 4'8	+ 3'0	- 5'2	+ 2'0	- 5'8	+ 1'3	- 4'7	- 0'5	- 4'0	+ 0'4	- 7'2
- 8'5	- 21'6	- 5'8	- 21'7	- 5'6	- 20'4	- 7'1	- 23'3	- 5'4	- 21'0	- 4'3	- 20'0	- 1'1	- 18'3	- 2'1	- 14'2	- 3'2	- 12'8	- 2'0	- 11'2	- 1'6	- 11'1	- 2'1	- 9'8	- 5'5	- 14'3
+ 2'1	- 10'8	+ 3'2	- 11'6	+ 5'1	- 12'3	+ 5'3	- 9'9	+ 2'7	- 11'2	+ 1'5	- 9'9	+ 1'9	- 9'4	+ 3'0	- 10'0	+ 3'5	- 9'9	+ 6'0	- 9'1	+ 8'1	- 5'9	+ 5'9	- 3'1	+ 5'4	- 9'5
- 11'8	- 5'6	- 10'6	- 6'0	- 11'6	- 5'2	- 9'5	- 4'7	- 8'2	- 5'6	- 5'5	- 4'4	- 3'9	- 2'8	- 4'8	- 2'4	- 4'8	- 5'3	- 6'7	- 4'5	- 5'9	- 6'7	- 5'4	- 5'2	- 8'6	- 4'6
- 2'7	- 14'0	- 3'9	- 12'5	- 1'3	- 13'8	- 0'3	- 14'8	- 2'5	- 12'8	- 2'5	- 10'7	- 2'9	- 9'8	- 2'4	- 7'2	- 3'5	- 8'4	- 5'4	- 8'3	- 5'8	- 6'6	- 4'5	- 8'3	- 3'0	- 10'1
+ 0'6	- 12'2	+ 2'1	- 14'8	+ 4'2	- 14'6	+ 5'0	- 14'1	+ 5'2	- 14'3	+ 4'4	- 13'5	+ 3'4	- 9'6	+ 3'7	- 8'2	+ 2'7	- 7'9	+ 2'2	- 7'3	+ 1'2	- 7'5	+ 1'0	- 7'4	+ 1'5	- 9'4
- 5'0	- 15'6	- 5'7	- 16'6	- 4'8	- 15'4	- 1'5	- 14'6	- 3'1	- 15'5	- 2'5	- 14'8	+ 0'4	- 12'4	- 0'6	- 11'9	- 2'9	- 13'1	- 1'7	- 12'0	- 3'0	- 10'4	- 4'4	- 8'3	- 3'3	- 13'7
- 0'4	- 18'9	- 2'6	- 17'7	- 2'7	- 18'7	- 2'1	- 17'4	- 1'1	- 15'9	- 1'8	- 13'9	- 0'7	- 9'9	+ 0'1	- 8'8	+ 0'6	- 8'5	- 0'2	- 9'6	0'0	- 11'0	+ 2'9	- 11'0	+ 0'4	- 12'3
+ 6'3	- 10'4	+ 5'3	- 11'9	+ 3'8	- 13'3	+ 3'6	- 11'8	+ 3'8	- 10'5	+ 2'9	- 9'0	+ 2'3	- 5'4	+ 0'8	- 3'8	+ 2'2	- 5'2	+ 3'3	- 4'3	+ 4'1	- 4'9	+ 2'8	- 5'9	+ 4'0	- 7'8
- 1'7	+ 2'8	- 1'8	+ 3'1	- 3'1	+ 4'3	- 2'5	+ 2'6	+ 0'3	+ 3'1	+ 1'8	+ 3'5	+ 3'6	+ 2'7	+ 2'9	+ 1'3	+ 2'3	+ 2'0	+ 4'7	+ 2'3	+ 3'8	+ 3'0	+ 3'8	+ 3'2	+ 0'5	+ 2'9
- 1'1	+ 4'2	- 0'5	+ 5'1	+ 0'8	+ 3'7	+ 0'7	+ 3'1	+ 5'9	+ 1'8	+ 5'8	+ 2'6	+ 5'8	+ 1'1	+ 5'4	+ 1'5	+ 4'9	+ 1'9	+ 5'5	+ 0'1	+ 5'9	+ 0'2	+ 5'2	+ 0'2	+ 2'3	+ 2'3
- 8'0	- 0'1	- 8'0	- 1'9	- 6'8	- 1'0	- 6'5	- 0'9	- 4'6	+ 0'4	- 2'8	- 0'6	- 3'8	- 0'3	- 3'1	+ 0'4	- 3'0	+ 0'7	- 1'7	- 0'7	- 2'0	- 0'8	- 3'7	- 0'1	- 5'0	+ 0'2
- 3'8	+ 5'5	- 4'2	+ 6'3	- 4'8	+ 5'4	- 3'3	+ 5'5	- 1'0	+ 3'8	- 0'7	+ 4'7	0'0	+ 5'4	- 1'5	+ 6'1	- 1'0	+ 6'4	- 1'1	+ 7'0	0'0	+ 6'9	- 1'3	+ 6'1	- 0'9	+ 4'4
+ 7'7	- 11'7	+ 6'7	- 10'3	+ 5'7	- 10'4	+ 5'7	- 8'0	+ 8'3	- 4'5	+ 4'7	- 6'0	+ 2'7	- 6'7	+ 4'7	- 6'4	+ 4'6	- 5'9	+ 5'8	- 6'3	+ 3'6	- 6'5	+ 6'0	- 9'1	+ 5'6	- 6'9
- 2'5	- 7'3	+ 3'9	- 7'3	+ 4'2	- 8'1	+ 2'8	- 8'7	+ 4'1	- 6'4	+ 2'4	- 6'7	+ 3'7	- 5'4	+ 3'6	- 6'8	+ 0'7	- 5'9	- 0'3	- 7'9	+ 3'3	- 7'5	+ 4'2	- 7'5	+ 2'1	- 6'8
+ 19'6	- 4'8	+ 19'0	- 4'1	+ 19'6	- 6'2	+ 19'3	- 6'2	+ 17'9	- 5'2	+ 14'4	- 3'2	+ 14'3	- 2'9	+ 14'0	- 2'2	+ 14'1	- 1'6	+ 12'8	- 2'0	+ 10'3	- 2'9	+ 7'8	- 2'3	+ 14'3	- 4'7
+ 6'3	- 17'7	+ 5'9	- 16'7	+ 3'8	- 15'5	+ 2'4	- 13'6	+ 2'0	- 11'4	+ 1'8	- 10'6	+ 1'3	- 10'8	+ 0'1	- 10'6	+ 0'2	- 10'5	- 1'1	- 11'2	- 4'2	- 11'2	- 6'2	- 12'7	+ 1'6	- 13'9
- 1'1	- 10'3	- 0'1	- 10'2	- 2'4	- 7'8	+ 1'2	- 7'4	+ 1'8	- 7'3	- 0'8	- 6'7	+ 0'6	- 9'2	+ 0'2	- 8'2	- 0'6	- 9'9	+ 0'6	- 10'6	- 0'7	- 9'3	- 2'2	- 10'5	- 1'1	- 9'0
- 0'7	- 5'9	+ 0'7	- 6'1	- 1'2	- 8'9	+ 1'2	- 5'6	+ 0'2	- 3'8	0'0	- 3'7	- 1'8	- 2'5	- 1'5	- 3'3	- 3'3	- 4'9	- 2'5	- 4'3	- 2'4	- 3'6	- 3'0	- 3'6	- 0'3	- 4'2
- 6'3	+ 1'4	- 6'8	+ 2'3	- 5'3	+ 2'0	- 6'7	+ 2'5	- 5'1	+ 1'8	- 4'5	- 1'8	- 0'7	- 0'6	+ 1'6	- 2'4	+ 3'6	- 7'1	+ 7'6	- 8'6	+ 7'9	- 7'7	+ 6'6	- 8'2	- 0'3	- 2'7
+ 10'7	+ 5'7	+ 10'0	+ 5'0	+ 9'2	+ 4'8	+ 8'4	+ 4'0	+ 9'6	+ 3'6	+ 9'1	+ 3'4	+ 9'1	+ 1'6	+ 10'1	+ 1'7	+ 11'6	+ 2'8	+ 10'5	+ 5'4	+ 9'3	+ 5'0	+ 10'9	+ 4'9	+ 9'8	+ 4'4
- 4'2	- 10'5	- 5'1	- 11'5	- 6'4	- 9'5	- 7'4	- 8'6	- 6'1	- 8'1	- 7'4	- 8'1	- 8'1	- 9'4	+ 0'7	- 8'7	- 4'1	- 7'1	- 4'2	- 6'7	- 6'2	- 6'4	- 5'2	- 6'0	- 3'4	- 8'1
+ 5'4	- 8'7	+ 4'4	- 8'0	+ 4'3	- 8'0	+ 4'0	- 7'2	+ 4'3	- 7'1	+ 4'7	- 6'9	+ 5'3	- 7'6	+ 5'8	- 6'8	+ 5'2	- 5'1	+ 4'1	- 4'6	+ 0'6	- 5'1	+ 2'5	- 4'9	+ 1'0	- 7'3
+ 5'2	- 1'1	+ 3'0	- 0'7	+ 3'4	+ 0'1	+ 3'6	+ 0'9	+ 4'4	+ 2'8	+ 4'9	+ 2'8	+ 4'7	+ 2'5	+ 3'4	+ 2'5	+ 4'2	+ 2'6	+ 4'9	+ 3'3	+ 3'0	+ 5'3	+ 1'9	+ 5'1	+ 3'4	+ 0'8
- 6'4	+ 2'4	- 6'6	+ 3'0	- 5'4	+ 3'0	- 5'7	+ 3'8	- 4'3	+ 3'5	- 4'9	+ 4'1	- 4'2	+ 3'7	- 5'6	+ 4'7	- 5'3	+ 2'9	- 5'8	+ 0'7	- 7'0	+ 0'6	- 6'9	- 1'3	- 6'1	+ 3'0
- 6'1	+ 7'6	- 6'9	+ 8'3	- 4'7	+ 8'7	- 5'3	+ 9'2	- 5'8	+ 8'9	- 4'2	+ 8'6	- 6'3	+ 8'9	- 7'1	+ 8'5	- 7'7	+ 7'2	- 7'3	+ 9'4	- 8'1	+ 8'3	- 10'6	+ 6'9	- 6'8	+ 7'9
- 3'5	- 11'4	- 4'8	- 10'3	- 4'9	- 8'7	- 8'1	- 7'3	- 9'8	- 7'5	- 10'3	- 5'0	- 9'5	- 6'9	- 8'2	- 7'7	- 3'7	- 7'2	- 2'6	- 4'9	- 0'2	- 6'2	+ 3'0	- 6'7	- 0'8	- 8'0
+ 3'0	- 1'0	+ 3'3	- 1'6	+ 2'9	- 1'1	+ 2'6	+ 2'4	+ 2'4	+ 0'4	+ 0'5	0'0	- 0'4	- 0'3	+ 0'6	+ 1'2	+ 1'7	- 0'3	- 0'4	+ 2'0	- 2'5	+ 1'7	- 4'9	+ 0'9	+ 2'0	+ 0'2
- 2'8	+ 11'0	- 2'4	+ 11'0	- 2'5	+ 11'6	- 1'8	+ 11'6	- 2'6	+ 11'4	- 1'3	+ 11'1	- 2'1	+ 11'5	- 3'4	+ 9'7	- 3'2	+ 10'3	- 2'2	+ 10'3	- 3'6	+ 8'6	- 3'9	+ 7'7	- 3'2	+ 10'1
+ 10'2	- 11'6	+ 9'9	- 11'6	+ 7'0	- 8'9	+ 7'1	- 8'2	+ 7'6	- 8'5	+ 5'7	- 8'7	+ 4'6	- 7'3	- 0'1	- 8'2	+ 0'6	- 9'3	+ 1'6	- 8'9	+ 2'5	- 8'6	+ 6'5	- 9'1	+ 4'6	- 9'3
- 8'9	- 9'9	- 6'5	- 8'5	- 6'0	- 8'0	- 5'4	- 7'7	- 4'7	- 6'9	- 4'2	- 4'2	- 6'6	- 4'6	- 6'5	- 5'4	- 9'0	- 6'5	- 8'3	- 5'9	- 8'2	- 4'9	- 6'8	- 5'1	- 4'3	- 6'4
- 10'5	- 15'9	- 5'0	- 16'1	- 2'9	- 15'3	- 1'6	- 14'0	- 4'3	- 14'7	- 7'0	- 12'4	- 7'6	- 11'6	- 8'5	- 13'5	- 8'6	- 13'1	- 7'2	- 14'4	- 9'2	- 12'8	- 10'0	- 13'4	- 7'8	- 12'8
- 5'7	- 15'4	- 0'4	- 13'4	- 3'3	- 14'6	- 1'8	- 11'7	+ 0'1	- 9'2	- 2'6	- 8'3	- 4'5	- 9'9	- 5'0	- 8'3	- 6'3	- 6'5	- 6'2	- 7'1	- 6'7	- 7'5	- 6'4	- 6'8	- 4'5	- 11'2
- 6'6	+ 2'0	- 6'2	+ 2'8	- 8'2	+ 2'7	- 6'0	+ 3'5	- 4'1	+ 3'0	- 4'4	+ 4'6	- 2'4	+ 4'9	- 2'6	+ 4'2	- 3'2	+ 3'3	- 4'1	+ 3'5	- 4'6	+ 2'8	- 5'4	+ 2'6	- 4'0	+ 2'3

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL
FALMOUTH OBSERVATORY - - LAT. 50° 9' N. LONG. 5° 4' W.

Five-day Periods.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1889.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		
Jan. 1-5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—		
" 6-10	3	'015	2	'040	1	'020	2	'030	1	'070	1	'040	—	—	1	'005	1	'005	2	'035	—	—	2	'090		
" 11-15	—	—	1	'030	1	'040	1	'010	1	'030	1	'015	—	—	1	'005	1	'020	—	—	—	—	—	—		
" 16-20	2	'010	2	'010	2	'020	1	'060	2	'030	1	'010	1	'040	1	'040	1	'020	—	—	—	—	—	—		
" 21-25	—	—	—	—	1	'015	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 26-30	2	'030	3	'030	1	'005	1	'005	2	'025	1	'015	2	'100	2	'050	1	'080	1	'130	1	'050	2	'070		
Feb. 31-4	2	'025	2	'050	1	'140	1	'070	3	'050	1	'020	2	'020	1	'030	2	'025	3	'020	—	—	—	—		
" 5-9	1	'015	1	'005	2	'010	2	'010	—	—	1	'005	—	—	1	'015	2	'065	3	'035	2	'015	3	'045		
" 10-14	2	'115	2	'040	2	'055	2	'015	2	'045	—	—	1	'010	2	'030	3	'135	4	'200	3	'255	3	'240		
" 15-19	1	'010	—	—	—	—	—	—	2	'025	—	—	2	'025	2	'070	2	'065	2	'070	1	'075	1	'045		
" 20-24	1	'020	1	'015	1	'005	1	'040	1	'015	1	'015	1	'010	—	—	—	—	—	—	—	—	—	—		
" 25-1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Mar. 2-6	1	'040	1	'005	2	'010	2	'020	2	'060	1	'020	2	'030	1	'060	2	'080	2	'230	1	'040	1	'110		
" 7-11	2	'110	2	'250	2	'260	3	'225	3	'105	3	'065	3	'140	2	'120	2	'080	2	'110	2	'100	2	'100		
" 12-16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 17-21	1	'010	1	'040	2	'035	1	'020	1	'005	1	'035	1	'060	1	'015	1	'010	1	'005	1	'010	1	'020		
" 22-26	1	'005	1	'010	1	'005	1	'010	2	'040	2	'070	1	'030	1	'020	1	'010	—	—	—	—	—	—		
" 27-31	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	1	'115	1	'035	—	—	—	—	—	—		
April 1-5	—	—	—	—	1	'010	1	'010	1	'005	1	'030	1	'125	2	'060	—	—	2	'035	—	—	—	—		
" 6-10	1	'005	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 11-15	—	—	1	'005	2	'035	1	'010	—	—	1	'005	1	'005	—	—	—	—	—	—	—	—	—	—		
" 16-20	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 21-25	—	—	—	—	1	'005	2	'010	1	'015	1	'190	3	'080	1	'005	—	—	2	'015	2	'070	3	'060		
" 26-30	—	—	2	'010	2	'010	2	'020	3	'040	4	'040	3	'120	2	'075	1	'090	3	'020	1	'020	1	'030		
May 1-5	2	'010	2	'040	1	'005	1	'005	1	'010	2	'040	2	'055	2	'045	2	'045	2	'055	1	'010	1	'010		
" 6-10	1	'020	1	'070	2	'050	2	'030	1	'010	1	'030	2	'055	2	'095	2	'115	2	'030	—	—	—	—		
" 11-15	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 16-20	3	'060	2	'050	2	'045	2	'060	2	'030	2	'085	2	'070	2	'050	1	'050	1	'005	—	—	—	—		
" 21-25	1	'105	1	'040	1	'015	1	'005	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—		
" 26-30	2	'010	—	—	3	'030	3	'035	1	'030	2	'045	3	'050	3	'060	2	'020	2	'090	1	'050	—	—		
June 31-4	—	—	2	'065	2	'145	1	'140	—	—	—	—	1	'010	1	'010	1	'010	—	—	1	'010	—	—		
" 5-9	—	—	—	—	—	—	—	—	—	—	—	—	1	'030	1	'030	—	—	—	—	—	—	—	—		
" 10-14	1	'015	2	'025	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 15-19	—	—	—	—	—	—	—	—	1	'060	1	'050	1	'005	1	'025	1	'005	—	—	—	—	—	—	—	
" 20-24	1	'120	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 25-29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

NOTE.—In estimating the number of DAYS on which Rain fell, those on

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL

Five-day Periods.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1889. July 30-4	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.		
" 5-9	1	'010	—	—	1	'005	1	'005	1	'055	2	'655	2	'230	2	'165	2	'015	1	'005	—	—	1	'020		
" 10-14	1	'015	1	'025	1	'005	1	'005	1	'005	1	'010	1	'140	1	'120	1	'050	1	'015	—	—	—	—		
" 15-19	1	'005	—	—	—	—	—	—	1	'005	—	—	—	—	1	'005	1	'005	1	'035	1	'030	—	—		
" 20-24	—	—	1	'035	2	'055	2	'085	3	'115	3	'055	3	'070	2	'020	2	'080	2	'030	3	'045	2	'015		
" 25-29	—	—	—	—	1	'010	2	'015	—	—	3	'045	1	'010	1	'005	2	'010	2	'015	—	—	—	—		
Aug. 30-3	2	'070	1	'075	1	'170	1	'110	1	'060	1	'060	1	'150	1	'120	1	'020	—	—	—	—	—	—		
" 4-8	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	1	'005	1	'020	1	'005	—	—	1	'040		
" 9-13	1	'070	1	'005	—	—	1	'005	1	'005	1	'020	2	'075	3	'170	1	'010	1	'005	—	—	1	'010		
" 14-18	—	—	—	—	1	'010	1	'025	1	'010	—	—	2	'015	—	—	1	'030	1	'080	1	'080	1	'120		
" 19-23	3	'105	—	—	2	'015	1	'085	2	'150	1	'010	1	'005	1	'015	—	—	2	'045	—	—	—	—		
" 24-28	1	'295	1	'060	1	'040	2	'050	1	'005	—	—	1	'010	—	—	—	—	—	—	1	'020	—	—		
Sept. 29-2	—	—	1	'005	—	—	—	—	—	—	1	'005	1	'005	—	—	—	—	—	—	—	—	—	—		
" 3-7	—	—	—	—	1	'005	1	'030	1	'060	1	'025	1	'290	1	'260	1	'060	—	—	—	—	—	—		
" 8-12	—	—	—	—	—	—	1	'005	—	—	—	—	1	'035	1	'005	—	—	—	—	—	—	—	—		
" 13-17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 18-22	1	'030	—	—	1	'005	—	—	—	—	—	—	2	'055	1	'005	—	—	—	—	—	—	—	—		
" 23-27	1	'085	1	'015	—	—	1	'050	1	'030	1	'020	1	'010	1	'010	1	'005	1	'005	—	—	—	—		
Oct. 28-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	1	'010			
" 3-7	4	'120	4	'195	3	'090	3	'175	3	'085	1	'005	4	'045	2	'060	1	'060	2	'010	—	—	—	—		
" 8-12	1	'005	1	'005	2	'135	1	'060	—	—	—	—	—	2	'035	2	'065	2	'165	3	'040	2	'035	—		
" 13-17	2	'025	1	'005	—	—	2	'015	3	'075	3	'075	3	'100	2	'045	1	'015	2	'030	—	—	1	'010		
" 18-22	1	'185	2	'190	2	'035	2	'100	—	—	2	'055	2	'050	2	'065	2	'015	1	'050	2	'020	3	'090		
" 23-27	1	'025	—	—	—	—	—	—	—	—	1	'015	1	'045	1	'075	1	'050	1	'035	2	'080	1	'010		
Nov. 28-1	—	—	1	'040	1	'105	1	'065	1	'030	1	'005	—	—	—	—	1	'010	—	—	—	—	1	'010		
" 2-6	—	—	—	—	—	—	2	'065	1	'120	1	'210	1	'190	1	'160	1	'065	2	'085	2	'020	2	'055		
" 7-11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 12-16	—	—	—	—	—	—	—	—	—	—	1	'015	1	'035	1	'010	—	—	—	—	—	—	—	—		
" 17-21	—	—	1	'050	1	'020	1	'010	2	'015	—	—	1	'115	1	'005	—	—	—	—	—	—	—	—		
" 22-26	2	'025	1	'030	1	'015	2	'010	1	'050	2	'060	1	'030	3	'030	1	'030	—	—	—	—	—	—		
Dec. 27-1	1	'005	1	'005	1	'055	1	'020	1	'010	2	'020	2	'055	2	'055	2	'045	—	—	2	'030	1	'010		
" 2-6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 7-11	3	'025	1	'025	1	'025	1	'065	2	'080	1	'020	2	'030	1	'020	1	'050	3	'040	—	—	1	'005		
" 12-16	2	'105	1	'010	—	—	2	'030	—	—	—	—	—	1	'005	1	'005	—	—	—	—	—	—	—		
" 17-21	—	—	—	—	2	'010	1	'005	1	'055	3	'155	1	'100	3	'075	1	'020	—	—	1	'005	—	—		
" 22-26	2	'060	1	'150	2	'150	2	'040	—	—	1	'075	1	'040	1	'010	1	'010	1	'020	1	'190	1	'070		
" 27-31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

NOTE.—In estimating the number of DAYS on which Rain fell, those on
 * This total exceeds the sum of the hourly totals by an amount of rain which was measured.

FALMOUTH OBSERVATORY

TABLE VI.—HOURLY and DAILY MEANS of
Barometer Cistern, 183 feet

1889.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	ins. 30'006	ins. 30'000	ins. 30'000	ins. 29'997	ins. 29'993	ins. 29'987	ins. 29'989	ins. 29'992	ins. 30'005	ins. 30'012	ins. 30'020	ins. 30'020	ins. 30'012
Feb. -	29'861	29'854	29'846	29'840	29'834	29'835	29'837	29'838	29'846	29'846	29'847	29'844	29'838
March	29'837	29'835	29'830	29'819	29'814	29'811	29'813	29'815	29'824	29'824	29'829	29'829	29'829
April -	29'596	29'589	29'584	29'575	29'570	29'564	29'568	29'572	29'579	29'579	29'584	29'586	29'587
May -	29'629	29'622	29'616	29'611	29'609	29'609	29'616	29'621	29'626	29'628	29'630	29'633	29'634
June -	29'855	29'848	29'843	29'837	29'837	29'838	29'845	29'850	29'856	29'861	29'865	29'865	29'865
July -	29'800	29'792	29'785	29'775	29'772	29'771	29'775	29'780	29'783	29'785	29'789	29'791	29'791
August	29'762	29'756	29'751	29'744	29'740	29'739	29'745	29'751	29'760	29'761	29'765	29'767	29'766
Sept. -	29'903	29'898	29'891	29'882	29'878	29'877	29'882	29'888	29'896	29'901	29'905	29'904	29'903
Oct. -	29'506	29'501	29'494	29'488	29'489	29'491	29'496	29'503	29'515	29'520	29'524	29'525	29'520
Nov. -	30'035	30'027	30'025	30'020	30'018	30'021	30'026	30'030	30'042	30'048	30'054	30'056	30'048
Dec. -	30'004	29'996	29'994	29'993	29'988	29'982	29'984	29'988	30'000	30'009	30'020	30'018	30'008
Year -	29'816	29'810	29'805	29'798	29'795	29'794	29'798	29'802	29'811	29'815	29'819	29'820	29'817

TABLE VII.—HOURLY and DAILY MEANS of
Dry-Bulb Thermometer,

1889.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	42°3	42°1	42°1	42°4	42°2	42°1	42°1	42°3	42°2	42°6	43°2	44°6	45°0
Feb. -	40°6	40°8	40°7	40°6	40°4	40°3	40°1	40°2	40°4	41°1	42°1	43°3	43°9
March	41°4	41°4	41°2	41°3	41°2	41°2	41°1	41°2	41°9	43°5	44°5	45°3	45°5
April -	43°9	44°0	43°5	43°5	43°3	43°3	43°4	44°8	46°3	47°6	48°0	49°1	49°3
May -	49°9	49°8	49°3	49°1	48°8	49°1	49°9	51°7	52°4	54°0	54°8	55°8	56°4
June -	54°7	54°7	54°3	54°3	54°1	54°4	55°7	57°8	59°5	60°9	62°0	62°8	62°6
July -	56°3	56°1	55°9	55°8	55°7	55°8	56°8	58°8	59°9	61°1	61°4	62°2	62°6
August	55°3	55°1	55°0	54°9	54°8	54°9	55°2	57°1	58°4	60°1	60°9	61°4	61°6
Sept. -	55°0	54°8	54°5	54°5	54°4	54°4	54°4	55°2	56°6	58°2	58°9	59°9	59°8
Oct. -	48°0	47°9	47°7	47°7	47°6	47°6	47°5	47°4	48°2	50°2	51°3	52°2	52°3
Nov. -	48°6	48°6	48°5	48°6	48°6	48°4	48°2	48°2	48°4	49°1	49°6	50°6	50°8
Dec. -	43°5	43°2	43°1	43°0	43°0	42°9	42°9	42°9	42°8	43°3	43°9	45°1	45°5
Year -	48°3	48°2	48°0	48°0	47°8	47°9	48°1	49°0	49°8	51°0	51°7	52°7	52°9

TABLE VIII.—HOURLY and DAILY MEAN DIFFERENCE between the DRY-BULB

1889.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	2°0	1°8	1°8	1°9	1°9	1°9	1°9	1°9	1°9	1°9	2°0	2°4	2°5
Feb. -	2°3	2°5	2°6	2°5	2°4	2°3	2°4	2°4	2°3	2°4	2°6	2°9	3°0
March	1°9	1°9	1°9	1°9	1°8	1°7	1°7	1°8	1°9	2°4	2°8	3°1	3°4
April -	1°8	1°9	1°9	1°9	1°8	1°7	1°7	2°3	2°8	3°2	3°4	3°7	4°0
May -	1°4	1°4	1°3	1°2	1°1	1°2	1°4	2°0	2°4	3°0	3°5	3°8	4°2
June -	1°9	2°1	1°9	1°9	1°9	2°0	2°4	3°3	4°1	4°8	5°1	5°4	5°3
July -	1°9	1°7	1°7	1°7	1°7	1°6	1°9	2°5	3°3	3°9	4°0	4°3	4°7
August	1°4	1°4	1°4	1°3	1°3	1°3	1°2	1°9	2°3	3°3	3°9	4°1	4°5
Sept. -	2°2	2°1	2°1	2°1	2°2	2°0	2°0	2°1	2°6	3°1	3°6	4°0	4°0
Oct. -	1°8	1°6	1°5	1°5	1°7	1°7	1°7	1°7	1°9	2°3	2°7	2°9	3°2
Nov. -	1°9	1°9	1°7	1°6	1°6	1°7	1°8	1°7	1°8	2°0	1°8	2°2	2°4
Dec. -	1°9	1°9	1°9	1°9	1°8	1°8	1°8	1°9	1°8	1°9	2°0	2°3	2°6
Year -	1°9	1°9	1°8	1°8	1°8	1°7	1°8	2°1	2°4	2°9	3°1	3°4	3°7

LAT. 50° 9' N. LONG. 5° 4' W.

PRESSURE for each CALENDAR MONTH and for the YEAR.
above Mean Sea Level.

P.M.											Midt.	Daily Means (Month).	1889.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
ins. 29°996	ins. 29°988	ins. 29°989	ins. 29°991	ins. 29°995	ins. 30°002	ins. 30°005	ins. 30°010	ins. 30°009	ins. 30°012	ins. 30°006	ins. 30°005	ins. 30°002	Jan.
29°824	29°819	29°817	29°823	29°820	29°841	29°846	29°852	29°855	29°860	29°857	29°855	29°842	Feb.
29°821	29°815	29°810	29°810	29°812	29°825	29°832	29°839	29°841	29°845	29°844	29°844	29°826	March.
29°584	29°583	29°573	29°571	29°568	29°569	29°571	29°583	29°584	29°582	29°578	29°575	29°578	April.
29°633	29°634	29°631	29°631	29°630	29°633	29°635	29°642	29°649	29°651	29°647	29°644	29°630	May.
29°863	29°863	29°860	29°857	29°852	29°852	29°855	29°861	29°872	29°877	29°877	29°875	29°857	June.
29°789	29°790	29°788	29°785	29°779	29°780	29°779	29°784	29°791	29°794	29°791	29°787	29°785	July.
29°765	29°764	29°761	29°761	29°758	29°760	29°762	29°769	29°773	29°773	29°769	29°765	29°759	August.
29°809	29°806	29°801	29°806	29°807	29°809	29°803	29°902	29°902	29°903	29°902	29°896	29°894	Sept.
29°514	29°508	29°505	29°504	29°503	29°510	29°512	29°513	29°511	29°509	29°504	29°501	29°507	Oct.
30°039	30°032	30°039	30°033	30°035	30°042	30°042	30°045	30°047	30°049	30°047	30°046	30°037	Nov.
29°995	29°991	29°994	30°002	30°004	30°011	30°015	30°019	30°017	30°018	30°015	30°009	30°003	Dec.
29°810	29°807	29°804	29°805	29°804	29°810	29°812	29°818	29°821	29°823	29°820	29°817	29°810	Year.

TEMPERATURE for each CALENDAR MONTH and for the YEAR.
4 feet above Ground.

P.M.											Midt.	Daily Means (Month).	Means of Daily		1889.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		Max.	Min.	
45°5	45°5	45°4	44°8	44°2	43°7	43°2	43°2	43°0	42°7	42°8	42°7	43°3	46°6	39°4	Jan.
44°3	44°4	44°4	43°7	43°0	42°2	42°0	41°4	41°2	40°7	40°5	39°9	41°7	46°1	36°5	Feb.
46°2	45°8	45°9	45°6	45°0	43°8	43°1	42°8	42°8	42°4	42°2	41°8	43°1	47°5	39°0	March.
49°6	49°3	49°5	49°0	48°4	47°2	46°3	45°5	45°0	44°7	44°6	44°1	46°1	51°3	41°4	April.
56°2	56°0	56°1	55°7	55°3	54°2	53°1	51°8	51°0	50°5	50°4	50°0	52°4	58°0	48°0	May.
63°1	62°3	62°1	61°5	61°3	60°5	59°5	57°9	56°5	55°8	55°3	54°9	58°3	64°4	52°7	June.
63°0	62°9	62°6	62°0	61°9	61°2	60°1	58°9	57°7	57°2	56°8	56°4	59°2	64°6	54°3	July.
61°9	62°0	62°1	61°3	61°0	59°7	58°4	56°7	56°1	55°9	55°7	55°3	58°0	63°6	53°5	August.
60°2	60°0	59°8	59°2	58°5	57°5	56°5	55°8	55°5	55°2	55°2	54°7	56°7	61°5	52°3	Sept.
52°7	52°4	52°5	51°9	51°0	49°6	49°0	48°3	48°4	48°2	48°3	48°0	49°4	54°1	45°2	Oct.
51°0	50°9	50°7	49°8	49°2	49°0	48°9	48°8	48°8	48°6	48°5	48°5	49°2	52°2	46°3	Nov.
45°9	45°5	45°1	44°4	43°9	43°6	43°5	43°4	43°4	43°2	43°2	43°0	43°7	47°5	39°5	Dec.
53°3	53°1	53°0	52°4	51°9	51°0	50°3	49°5	49°1	48°8	48°6	48°3	50°1	54°8	45°7	Year.

and WET-BULB THERMOMETERS, for each CALENDAR MONTH and for the YEAR.

P.M.											Midt.	Daily Means (Month).	1889.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
2°7	2°7	2°6	2°4	2°3	2°1	2°0	2°2	2°1	2°0	2°0	2°1	2°2	Jan.
3°0	3°1	3°2	3°2	3°1	2°8	2°9	2°7	2°8	2°6	2°5	2°3	2°7	Feb.
3°5	3°3	3°2	3°3	3°1	2°6	2°2	2°1	2°2	2°0	2°1	1°9	2°4	March.
4°0	3°9	4°0	3°8	3°5	3°0	2°5	2°2	2°1	2°0	2°0	1°9	2°7	April.
3°9	4°0	3°8	3°8	3°6	3°1	2°6	1°9	1°5	1°4	1°4	1°3	2°4	May.
5°5	4°9	4°8	4°7	4°8	4°4	3°9	3°1	2°6	2°2	2°0	1°9	3°4	June.
5°0	5°0	4°9	4°5	4°5	4°3	3°5	2°8	2°2	2°0	2°0	1°9	3°1	July.
4°6	4°6	4°6	4°4	4°1	3°6	2°7	1°8	1°7	1°7	1°5	1°4	2°6	August.
4°2	4°2	4°0	3°7	3°5	3°1	2°8	2°7	2°6	2°4	2°3	2°3	2°8	Sept.
3°4	3°5	3°3	3°1	2°7	2°1	2°0	1°8	1°9	1°9	1°9	1°8	2°2	Oct.
2°5	2°5	2°5	2°0	1°8	1°6	1°6	1°6	1°8	1°7	1°7	1°8	1°9	Nov.
2°7	2°7	2°6	2°5	2°4	2°3	2°3	2°3	2°2	2°1	2°1	1°9	2°1	Dec.
3°8	3°7	3°6	3°5	3°3	2°9	2°6	2°3	2°1	2°0	2°0	1°9	2°5	Year.

FALMOUTH OBSERVATORY

TABLE IX.—MEAN HOURLY and DAILY WIND

1889.	A.M.																						Noon.		
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.		
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
January	-	+ 0'5	- 2'1	+ 1'0	- 2'1	+ 0'4	- 2'0	+ 1'1	- 2'5	+ 1'0	- 2'7	+ 0'7	- 2'8	+ 0'4	- 2'3	+ 0'4	- 2'4	+ 0'6	- 2'1	- 0'1	- 2'4	- 0'3	- 3'0	+ 0'1	- 2'7
February	-	+ 7'0	- 11'2	+ 8'2	- 12'0	+ 9'6	- 11'5	+ 9'4	- 10'3	+ 8'3	- 9'7	+ 8'3	- 9'0	+ 7'3	- 9'3	+ 6'3	- 9'2	+ 4'8	- 9'4	+ 6'1	- 9'9	+ 5'7	- 9'9	+ 6'5	- 11'9
March	-	+ 2'8	- 2'2	+ 2'8	- 2'8	+ 2'5	- 2'8	+ 1'8	- 3'9	+ 2'0	- 3'8	+ 1'8	- 3'2	+ 1'2	- 2'9	+ 1'6	- 2'4	+ 2'3	- 2'7	+ 1'9	- 3'2	+ 2'6	- 3'9	+ 1'8	- 4'9
April	-	+ 3'1	- 4'2	+ 2'3	- 4'2	+ 2'5	- 4'4	+ 2'3	- 4'6	+ 2'0	- 4'5	+ 2'8	- 3'9	+ 2'0	- 3'8	+ 2'7	- 4'3	+ 3'7	- 5'6	+ 2'7	- 4'8	+ 2'7	- 5'7	+ 0'9	- 6'4
May	-	- 0'3	- 2'7	- 0'5	- 2'7	+ 0'1	- 3'0	+ 0'1	- 2'6	- 0'2	- 2'3	- 0'9	- 1'7	- 0'7	- 1'6	- 0'3	- 2'4	- 1'9	- 2'4	- 2'1	- 2'8	- 2'7	- 2'9	- 3'1	- 2'0
June	-	+ 3'7	- 2'0	+ 3'8	- 2'1	+ 3'6	- 1'9	+ 3'9	- 1'4	+ 4'1	- 1'5	+ 4'2	- 1'2	+ 3'9	- 1'3	+ 3'9	- 1'4	+ 2'8	+ 0'3	+ 0'8	+ 1'4	+ 0'6	+ 1'4	+ 0'4	+ 1'2
July	-	+ 0'1	- 3'9	- 0'7	- 4'5	0'0	- 4'3	0'0	- 4'3	- 0'4	- 3'9	+ 0'4	- 3'4	- 0'5	- 4'1	+ 0'2	- 3'7	- 0'2	- 3'9	- 1'4	- 4'4	- 1'6	- 5'4	- 2'2	- 5'6
August	-	- 0'1	- 8'1	- 0'6	- 8'0	- 0'4	- 7'8	- 0'9	- 7'5	- 1'2	- 7'6	- 1'6	- 7'7	- 0'6	- 7'9	- 1'1	- 8'6	- 1'5	- 10'5	- 0'8	- 10'9	- 1'4	- 12'3	- 1'5	- 12'6
September	-	+ 3'0	- 2'1	+ 2'8	- 2'7	+ 2'0	- 1'6	+ 1'6	- 1'5	+ 1'9	- 2'1	+ 1'0	- 1'8	+ 2'5	- 2'1	+ 2'3	- 1'5	+ 2'1	- 0'7	+ 1'6	- 1'0	+ 2'1	- 0'8	+ 1'5	- 1'5
October	-	+ 0'7	- 5'3	+ 0'5	- 5'4	+ 2'7	- 4'9	+ 3'4	- 4'6	+ 3'5	- 4'8	+ 3'1	- 4'4	+ 3'3	- 4'7	+ 2'8	- 3'8	+ 2'0	- 4'3	+ 2'1	- 5'5	+ 1'5	- 5'5	+ 1'6	- 5'8
November	-	- 2'2	+ 0'2	- 2'8	- 0'7	- 2'8	- 2'1	- 1'4	- 1'2	+ 0'7	- 2'1	+ 0'2	- 2'5	+ 0'5	- 2'3	+ 0'4	- 3'1	- 0'4	- 2'5	- 1'5	- 2'6	- 1'6	- 2'7	- 0'6	- 3'2
December	-	- 4'5	- 4'3	- 4'2	- 3'5	- 3'8	- 3'4	- 4'5	- 4'0	- 3'9	- 4'4	- 3'3	- 4'9	- 1'3	- 4'3	- 2'5	- 4'2	- 2'6	- 4'3	- 2'7	- 3'7	- 3'2	- 4'3	- 4'3	- 5'8
Year	-	+ 1'2	- 4'0	+ 1'1	- 4'2	+ 1'4	- 4'1	+ 1'4	- 4'0	+ 1'5	- 4'1	+ 1'4	- 3'9	+ 1'5	- 3'9	+ 1'4	- 3'9	+ 1'0	- 4'0	+ 0'6	- 4'2	+ 0'4	- 4'6	+ 0'1	- 5'1

TABLE X.—NUMBER of HOURS in which RAIN fell, and the
Rain-gauge 2 feet above Ground;

1889.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.
January	7	in. '055	8	in. '110	6	in. '100	6	in. '110	6	in. '155	4	in. '080	3	in. '140	5	in. '100	4	in. '125	4	in. '170	1	in. '050	4	in. '160
February	7	'185	6	'110	6	'210	6	'135	8	'135	3	'030	6	'065	6	'145	9	'290	12	'325	6	'345	7	'330
March	5	'165	5	'305	7	'310	7	'275	8	'210	7	'190	8	'270	6	'330	7	'215	5	'345	4	'150	4	'230
April	1	'005	4	'020	7	'065	6	'050	5	'060	7	'265	8	'330	5	'140	1	'090	7	'070	3	'090	4	'090
May	9	'205	8	'265	10	'285	10	'275	5	'080	8	'205	10	'240	10	'260	8	'240	7	'180	3	'070	1	'010
June	2	'135	3	'030	2	'015	—	—	1	'060	1	'050	2	'035	2	'055	1	'005	—	—	—	—	—	—
July	3	'030	2	'060	5	'075	6	'110	6	'180	9	'765	7	'450	7	'315	8	'160	7	'100	4	'075	3	'035
August	7	'540	3	'140	5	'235	6	'275	6	'230	4	'095	7	'255	6	'310	4	'080	5	'135	2	'100	3	'170
September	2	'115	2	'020	2	'010	3	'085	2	'090	3	'050	6	'395	4	'280	2	'065	1	'005	1	'010	1	'010
October	9	'360	8	'395	7	'260	8	'350	6	'160	8	'155	10	'240	9	'280	8	'215	8	'290	7	'140	8	'155
November	3	'030	4	'125	4	'195	7	'170	6	'225	6	'305	6	'425	8	'260	4	'140	2	'085	4	'050	3	'065
December	7	'190	3	'185	5	'185	6	'140	3	'135	5	'250	4	'170	6	'110	4	'085	4	'060	2	'195	2	'075
Year	62	2'015	56	1'765	66	1'945	71	1'075	62	1'720	65	2'440	77	3'015	74	2'585	60	1'710	62	1'765	37	1'275	40	1'330

NOTE.—In estimating the number of DAYS on which Rain fell, those on which
* This total exceeds the sum of the hourly totals by an amount of rain which was measured.

LAT. 50° 9' N. LONG. 5° 4' W.

COMPONENTS for each CALENDAR MONTH and for the YEAR.

P.M.																				Midt.		Daily Means (Month).		1889.		
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.					24.	
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
+ 0'9	- 2'7	+ 1'1	- 2'5	+ 0'5	- 3'2	+ 1'0	- 2'8	+ 2'0	- 3'0	+ 1'4	- 2'6	+ 2'1	- 2'5	+ 0'4	- 2'5	- 0'3	- 1'9	- 1'0	- 1'4	- 0'9	- 1'3	- 0'7	- 1'8	+ 0'5	- 2'4	January.
+ 9'1	- 11'5	+ 11'5	- 13'6	+ 10'4	- 12'3	+ 10'8	- 11'7	+ 11'1	- 9'7	+ 9'8	- 9'6	+ 8'7	- 9'4	+ 8'8	- 9'8	+ 8'3	- 9'4	+ 9'0	- 9'1	+ 8'0	- 9'8	+ 8'3	- 10'6	+ 8'4	- 10'4	February.
+ 1'7	- 3'8	+ 3'4	- 5'5	+ 3'9	- 5'3	+ 4'9	- 5'8	+ 4'5	- 5'4	+ 3'8	- 4'9	+ 2'7	- 3'3	+ 2'5	- 3'6	+ 3'1	- 3'6	+ 2'8	- 3'0	+ 3'1	- 2'4	+ 2'9	- 2'6	+ 2'7	- 3'7	March.
+ 1'0	- 7'5	- 0'7	- 7'2	- 0'5	- 7'7	+ 1'1	- 7'6	+ 3'0	- 7'9	+ 2'0	- 7'4	+ 2'5	- 6'5	+ 2'4	- 4'9	+ 2'2	- 4'3	+ 2'3	- 4'8	+ 2'2	- 4'8	+ 1'7	- 3'9	+ 2'0	- 5'4	April.
- 3'2	- 3'2	- 3'0	- 3'5	- 2'0	- 3'9	- 1'9	- 4'6	- 2'2	- 4'3	- 2'1	- 3'3	- 1'5	- 3'3	- 1'7	- 3'0	- 0'8	- 1'8	- 0'1	- 2'3	- 0'0	- 2'3	- 0'7	- 2'7	- 1'3	- 2'8	May.
+ 0'2	+ 1'2	- 0'6	+ 0'1	+ 0'9	- 1'0	+ 2'5	- 2'0	+ 3'9	- 2'3	+ 4'8	- 3'4	+ 4'5	- 3'8	+ 4'8	- 3'2	+ 4'8	- 2'8	+ 4'3	- 2'9	+ 3'8	- 2'9	+ 3'2	- 2'2	+ 3'0	- 1'4	June.
- 1'6	- 6'7	- 0'5	- 6'8	- 0'7	- 6'8	- 0'6	- 7'2	- 0'1	- 0'8	- 0'1	- 7'4	+ 1'2	- 6'4	+ 1'2	- 5'4	+ 1'1	- 5'5	+ 0'7	- 4'9	+ 1'3	- 4'1	+ 0'5	- 3'4	- 0'2	- 5'2	July.
- 1'7	- 12'6	- 2'0	- 13'2	- 1'7	- 13'4	- 0'5	- 12'8	- 0'7	- 12'3	- 0'5	- 11'2	+ 0'2	- 8'6	+ 0'1	- 7'2	- 0'5	- 7'8	- 0'8	- 7'7	- 1'2	- 7'5	- 1'0	- 7'3	- 0'9	- 9'6	August.
+ 0'6	- 2'2	+ 2'1	- 1'8	+ 2'0	- 2'3	+ 2'1	- 2'1	+ 4'5	- 1'0	+ 3'5	- 0'9	+ 3'3	- 0'8	+ 3'2	- 0'8	+ 2'8	- 0'2	+ 3'2	- 1'0	+ 3'4	- 1'0	+ 3'1	- 1'4	+ 2'4	- 1'5	September.
+ 1'3	- 5'3	+ 1'1	- 5'1	+ 0'3	- 5'0	+ 0'4	- 4'2	+ 0'8	- 3'7	- 0'0	- 3'9	+ 0'2	- 4'6	+ 2'0	- 4'8	+ 1'6	- 5'7	+ 1'8	- 5'4	+ 0'7	- 5'3	- 0'0	- 5'7	+ 1'5	- 4'9	October.
0'0	- 3'4	- 0'8	- 3'0	- 0'5	- 2'4	- 1'3	- 0'8	- 1'2	- 0'9	- 1'3	- 0'4	- 1'3	- 0'9	- 1'6	- 0'3	- 0'8	- 0'7	- 0'7	+ 0'1	- 2'0	+ 0'2	- 2'0	- 0'7	- 1'c	- 1'6	November.
- 4'1	- 5'9	- 1'9	- 5'3	- 2'7	- 4'7	- 1'6	- 3'9	- 1'4	- 3'6	- 2'4	- 2'4	- 3'3	- 2'4	- 4'4	- 3'1	- 5'0	- 3'2	- 4'5	- 3'2	- 5'2	- 3'4	- 4'6	- 3'5	- 3'4	- 4'0	December.
+ 0'4	- 5'3	+ 0'8	- 5'6	+ 0'8	- 5'7	+ 1'4	- 5'5	+ 2'0	- 4'6	+ 1'6	- 4'8	+ 1'6	- 4'4	+ 1'5	- 4'1	+ 1'4	- 3'9	+ 1'4	- 3'8	+ 1'1	- 3'7	+ 0'9	- 3'8	+ 1'1	- 4'4	Year.

TOTAL AMOUNTS of RAINFALL MEASURED, for each HOUR, and CALENDAR MONTH, and for the YEAR.

169 feet above Mean Sea Level.

P.M.																				Midt.		Monthly Totals.		1889.		
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.			Rainy Days.	Amount.
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.			
4	in. '120	4	in. '060	5	in. '140	5	in. '215	5	in. '270	4	in. '115	3	in. '070	4	in. '060	3	in. '115	7	in. '220	2	in. '105	5	in. '045	17	ins. 2'890	January.
7	'295	6	'230	3	'045	2	'065	4	'040	3	'020	—	—	5	'030	4	'055	5	'200	2	'015	6	'095	20	3'395	February.
4	'170	7	'415	8	'280	5	'255	4	'265	3	'225	6	'240	7	'120	2	'030	8	'115	3	'170	7	'185	15	5'465	March.
3	'145	5	'350	6	'095	5	'325	4	'080	3	'060	5	'040	2	'020	2	'010	3	'040	2	'010	8	'065	18	2'515	April.
3	'505	3	'160	6	'060	3	'040	5	'110	4	'035	4	'130	3	'085	5	'210	7	'165	6	'095	8	'130	15	4'040	May.
—	—	—	—	2	'050	2	'020	2	'015	1	'015	2	'025	2	'015	1	'005	2	'015	1	'150	4	'105	9	0'800	June.
—	—	—	—	2	'015	4	'140	3	'110	4	'095	6	'125	2	'050	4	'070	4	'170	4	'295	4	'055	14	3'480	July.
5	'330	5	'130	1	'020	1	'010	3	'080	1	'020	2	'035	3	'135	5	'100	4	'040	2	'040	9	'060	20	3'760*	August.
1	'010	3	'150	1	'045	2	'055	5	'100	3	'060	5	'040	2	'040	2	'030	2	'032	4	'112	8	'066	12	1'875	September.
7	'365	7	'245	4	'065	6	'235	6	'205	7	'070	5	'095	9	'475	9	'270	6	'250	5	'165	14	'305	25	5'745	October.
5	'065	5	'060	4	'055	6	'095	4	'155	3	'315	8	'545	6	'210	7	'195	5	'120	4	'100	12	'185	17	4'175	November.
2	'105	6	'155	7	'120	5	'125	5	'135	6	'125	7	'190	7	'145	7	'110	5	'060	5	'100	7	'140	17	3'290	December.
41	2'110	51	1'955	49	0'990	46	1'580	50	1'565	42	1'155	53	1'535	52	1'385	51	1'200	58	1'427	40	1'357	92	1'436	199	41'430*	Year.

a fall of less than 0'01 in. was measured have been disregarded.
but which, owing to failure of the trace, could not be allocated to the hours at which it fell.

KEW OBSERVATORY

TABLE XI.—NUMBER of OBSERVATIONS of WIND, and the MEAN VELOCITY, referred to Eight Points, for each
each HOUR and for the DAY; and the MAXIMUM VELOCITY

JANUARY 1889.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	3	12	6	11	4	12	4	11	5	9	4	10	4	10	5	9	4	11	6	9	5	11	6	9
NE	3	7	2	8	1	9	1	10	3	9	3	8	3	8	2	9	2	8	1	6	1	8	1	7
E	0	—	1	14	2	10	1	11	0	—	0	—	1	9	1	8	1	8	0	—	0	—	0	—
SE	1	11	1	10	0	—	1	11	1	9	1	9	1	8	1	11	0	—	3	8	2	11	2	13
S	3	11	1	16	3	12	2	11	2	10	2	11	1	18	1	23	3	21	2	27	2	29	0	—
SW	6	9	4	10	4	10	2	13	4	11	3	14	4	14	5	13	3	14	4	14	4	14	6	19
W	2	8	3	9	4	8	5	8	1	7	3	8	2	8	4	8	1	9	2	9	4	14	5	13
NW	1	8	0	—	1	6	1	9	2	8	1	11	2	10	1	17	2	13	2	16	2	17	2	13
Calms	12	—	13	—	12	—	14	—	13	—	14	—	13	—	11	—	16	—	11	—	11	—	9	—
Mean Velocity irrespective of Direction	—	6	—	6	—	6	—	6	—	5	—	5	—	6	—	7	—	6	—	8	—	9	—	9

FEBRUARY.

N	7	13	5	11	6	13	7	12	7	11	6	12	7	14	7	15	9	15	7	17	6	20	6	18
NE	2	7	3	16	2	10	3	10	4	11	4	11	3	12	4	15	3	15	4	15	5	18	5	20
E	0	—	1	7	0	—	1	9	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
SE	0	—	0	—	1	9	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
S	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	20	1	20
SW	3	12	2	13	3	13	3	14	2	17	3	16	3	12	3	14	5	13	5	14	3	14	4	17
W	8	14	9	13	8	14	8	13	11	12	9	13	9	11	10	11	8	11	9	12	9	16	6	17
NW	5	14	5	14	4	14	4	13	2	17	5	11	5	11	3	12	3	18	3	19	3	22	5	18
Calms	3	—	3	—	4	—	2	—	2	—	1	—	1	—	1	—	0	—	0	—	1	—	1	—
Mean Velocity irrespective of Direction	—	12	—	12	—	11	—	11	—	11	—	12	—	12	—	12	—	12	—	15	—	17	—	17

MARCH.

N	3	11	3	12	3	12	3	11	3	12	3	11	4	12	4	14	3	18	3	22	5	23	5	22
NE	3	10	3	9	3	9	2	11	2	12	2	12	3	8	4	12	4	13	4	14	3	13	3	11
E	2	9	3	8	1	8	3	8	1	9	3	12	1	8	1	10	1	10	1	10	0	—	0	—
SE	0	—	1	11	1	13	1	13	1	13	0	—	1	20	3	11	1	7	1	11	2	12	2	11
S	2	9	2	20	2	19	2	20	2	19	2	19	1	19	1	17	4	15	4	17	3	22	5	19
SW	3	18	2	13	2	15	3	11	3	11	4	11	7	12	8	13	5	16	8	12	8	15	5	15
W	6	11	6	12	5	14	3	15	6	10	6	9	4	7	5	10	6	9	4	13	4	14	5	16
NW	2	7	2	7	2	8	3	8	1	10	1	10	2	13	0	—	3	18	4	16	4	14	5	15
Calms	10	—	9	—	12	—	11	—	12	—	10	—	8	—	5	—	4	—	2	—	2	—	1	—
Mean Velocity irrespective of Direction	—	8	—	8	—	8	—	8	—	7	—	8	—	8	—	10	—	12	—	14	—	15	—	16

APRIL.

N	2	10	3	9	2	9	3	8	2	9	2	14	2	17	4	12	4	17	5	16	5	18	6	16
NE	5	9	3	11	5	11	4	11	4	11	3	10	4	11	4	9	5	9	3	10	4	13	4	14
E	4	12	6	10	5	12	5	10	5	10	5	11	6	10	4	12	4	11	3	13	4	17	1	19
SE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	10	0	—	1	7	0	—	3	11
S	3	8	4	8	3	10	4	12	3	13	4	13	5	14	3	17	2	12	5	19	4	20	4	20
SW	6	10	6	11	6	11	5	9	4	9	3	20	3	10	5	14	8	16	4	13	5	17	4	18
W	1	7	1	7	1	7	1	7	1	8	3	8	3	9	4	10	2	8	4	11	3	14	3	12
NW	4	12	2	15	2	15	2	15	4	10	4	10	3	11	2	15	0	—	1	17	2	7	4	14
Calms	5	—	6	—	6	—	6	—	7	—	6	—	4	—	3	—	5	—	4	—	3	—	1	—
Mean Velocity irrespective of Direction	—	8	—	8	—	9	—	8	—	8	—	9	—	10	—	11	—	11	—	12	—	14	—	15

LAT. 51° 28' N. LONG. 0° 19' W.

Hour and for the Day, for each CALENDAR MONTH. Also the MEAN VELOCITY irrespective of DIRECTION, for observed during the MONTH from each of the Eight Points.

JANUARY 1889.

P.M.																					Midt.		Monthly Totals and Means.		Maximum Velocity.	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.		V.
5	11	7	10	5	11	4	10	4	11	6	11	7	11	6	10	7	10	5	13	6	11	6	10	124	11	19
3	10	1	12	2	10	2	10	3	10	3	10	3	8	3	11	1	7	2	9	1	7	2	8	48	9	16
0	—	1	9	1	11	1	11	1	13	1	13	1	9	1	11	1	12	1	14	1	14	0	—	17	11	14
2	12	2	10	3	7	2	11	0	—	2	8	2	15	2	15	1	7	1	8	1	8	1	11	33	10	17
0	—	0	—	0	—	1	13	4	10	3	11	2	11	1	6	4	10	2	13	1	15	2	10	42	14	30
6	17	5	16	5	15	2	11	2	12	3	9	2	13	4	10	4	10	3	11	3	11	3	10	91	13	30
5	13	4	14	3	14	6	12	4	13	3	12	6	10	4	13	4	12	4	11	5	9	5	8	89	11	23
1	8	2	11	2	8	3	14	3	14	1	7	2	8	1	7	1	7	1	7	0	—	2	7	36	11	22
9	—	9	—	10	—	10	—	10	—	9	—	6	—	9	—	8	—	12	—	13	—	10	—	264	—	—
—	9	—	9	—	8	—	8	—	8	—	7	—	8	—	8	—	7	—	7	—	6	—	6	—	7	—

FEBRUARY.

7	18	7	16	7	16	9	16	9	13	9	11	9	11	7	11	6	13	5	12	6	11	6	14	167	14	30
5	19	5	19	5	19	3	14	3	12	2	13	2	11	2	10	3	10	4	15	4	14	2	9	82	14	33
0	—	0	—	0	—	0	—	1	16	1	16	1	11	1	11	1	9	0	—	0	—	1	10	8	11	16
0	—	0	—	1	11	1	16	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	12	16
1	17	2	15	2	22	0	—	1	22	0	—	0	—	0	—	0	—	0	—	0	—	0	—	8	18	22
3	16	2	24	1	21	3	18	2	15	3	15	3	14	3	13	3	14	2	15	2	13	1	16	67	15	25
8	18	7	16	7	15	7	16	6	12	6	13	7	17	6	13	7	16	9	15	8	15	8	14	189	14	31
3	22	4	21	4	20	5	17	6	14	6	15	5	16	8	13	5	12	6	11	6	9	7	12	112	14	33
1	—	1	—	1	—	0	—	0	—	1	—	1	—	1	—	3	—	3	—	2	—	3	—	36	—	—
—	18	—	17	—	17	—	16	—	14	—	13	—	12	—	12	—	12	—	12	—	11	—	12	—	13	—

MARCH.

6	20	7	18	6	19	6	18	5	19	4	17	3	14	3	14	4	13	3	13	3	11	3	11	95	16	36
2	12	2	11	2	12	2	13	2	11	3	11	3	11	3	11	1	9	2	11	1	12	2	10	61	11	22
0	—	0	—	2	9	1	12	2	12	1	13	1	12	1	11	2	8	2	9	3	9	3	9	35	10	19
2	12	2	10	1	7	2	11	2	12	2	19	2	14	0	—	0	—	1	10	0	—	0	—	28	12	20
7	18	6	17	4	17	5	14	4	14	3	11	5	13	6	16	6	18	4	20	4	15	3	21	87	17	30
2	11	2	13	7	13	2	15	2	16	3	14	1	14	4	11	3	12	3	12	2	14	2	12	91	13	30
6	15	7	13	5	13	7	13	5	14	4	12	5	9	2	9	6	9	6	9	6	9	5	11	124	11	33
5	12	3	13	3	13	4	11	7	10	4	10	4	10	5	10	3	8	2	9	3	8	4	9	76	11	26
1	—	2	—	1	—	2	—	2	—	7	—	7	—	7	—	6	—	8	—	9	—	9	—	147	—	—
—	15	—	14	—	14	—	13	—	13	—	10	—	9	—	10	—	10	—	9	—	8	—	8	—	10	—

APRIL.

5	16	7	17	8	14	8	14	6	14	5	13	5	11	3	10	3	10	2	9	1	7	1	8	94	13	29
2	12	1	11	2	12	0	—	2	18	2	10	2	11	3	10	3	11	5	11	4	12	4	10	78	11	21
4	17	4	19	3	17	3	18	2	17	3	15	3	14	3	15	4	13	3	11	3	11	4	11	90	13	26
2	16	1	11	1	7	0	—	1	13	1	13	1	7	1	8	1	8	1	8	1	7	0	—	16	10	16
4	23	5	20	6	18	7	15	5	12	4	12	5	10	6	10	6	10	5	10	4	11	5	9	106	14	32
3	18	6	18	5	20	5	19	7	16	6	15	4	13	4	13	6	11	6	10	7	10	7	10	125	13	35
4	13	1	6	1	18	1	19	4	14	5	11	4	13	3	10	1	6	1	6	0	—	0	—	52	11	22
3	14	2	20	2	19	3	18	1	22	3	13	3	12	2	12	3	16	3	13	4	13	4	13	63	13	23
3	—	3	—	2	—	3	—	2	—	1	—	3	—	5	—	3	—	4	—	6	—	5	—	96	—	—
—	15	—	16	—	15	—	15	—	14	—	13	—	11	—	9	—	10	—	9	—	9	—	9	—	11	—

KEW.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and the
MAY 1889.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	1	8	1	6	1	6	1	6	1	7	1	8	2	8	4	8	3	9	3	10	4	9	3	9
NE	4	8	3	7	3	8	4	9	3	10	4	9	4	8	2	11	3	8	3	9	5	10	5	8
E	3	10	5	11	3	11	4	9	4	10	4	11	5	9	5	10	2	15	4	7	2	24	4	19
SE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	13	4	15	1	6	3	15
S	6	10	4	11	3	15	5	10	5	11	5	12	5	14	5	15	6	14	8	17	9	17	7	17
SW	4	9	5	9	4	10	5	10	3	10	4	8	5	10	6	11	5	12	3	9	3	14	3	12
W	2	10	2	10	2	10	1	6	1	11	1	11	1	11	2	10	1	11	1	12	2	9	3	9
NW	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	6	2	8	1	11	1	11	1	12
Calms	11	—	11	—	15	—	11	—	14	—	12	—	9	—	6	—	5	—	4	—	4	—	2	—
Mean Velocity irrespective of Direction	—	6	—	6	—	5	—	6	—	5	—	6	—	7	—	9	—	10	—	11	—	12	—	12

JUNE.

N	3	15	2	15	2	17	5	12	3	12	5	7	4	8	6	9	8	10	8	12	6	11	8	12
NE	6	12	7	11	7	10	6	9	8	10	9	11	13	11	13	12	11	12	11	12	13	14	9	15
E	6	7	3	9	2	9	2	10	1	6	0	—	1	11	0	—	0	—	0	—	0	—	0	—
SE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	7	2	10	1	8	1	22	1	10
S	0	—	0	—	0	—	0	—	0	—	1	6	1	8	0	—	0	—	2	13	3	10	2	21
SW	1	6	2	7	2	7	3	7	2	9	3	7	2	10	1	11	1	10	1	11	4	9	3	8
W	0	—	0	—	0	—	0	—	0	—	1	8	1	7	2	9	3	10	3	11	1	7	3	10
NW	0	—	0	—	1	6	0	—	0	—	2	7	0	—	0	—	0	—	1	6	0	—	1	11
Calms	14	—	16	—	16	—	14	—	16	—	9	—	8	—	7	—	5	—	3	—	2	—	3	—
Mean Velocity irrespective of Direction	—	6	—	5	—	5	—	5	—	5	—	6	—	7	—	8	—	9	—	10	—	11	—	11

JULY.

N	1	10	1	6	0	—	1	6	0	—	1	9	2	13	2	14	1	14	2	15	4	14	4	12
NE	3	9	3	9	2	11	4	10	4	9	4	11	4	10	2	19	3	12	2	12	3	12	3	12
E	0	—	0	—	1	6	0	—	0	—	0	—	1	7	1	7	1	7	2	9	0	—	1	13
SE	0	—	1	6	1	7	1	7	1	10	0	—	0	—	2	10	3	10	1	11	3	11	3	12
S	2	6	0	—	1	6	0	—	0	—	2	7	2	11	2	11	2	12	4	14	3	14	3	13
SW	8	10	7	11	6	10	5	11	8	10	7	10	8	11	8	12	8	12	4	13	7	14	9	12
W	3	10	3	8	3	9	3	8	2	8	3	11	3	11	3	8	4	10	7	12	3	14	3	12
NW	0	—	0	—	1	7	1	10	3	8	3	8	2	9	4	10	3	11	4	12	3	11	2	9
Calms	14	—	16	—	16	—	16	—	13	—	11	—	9	—	7	—	6	—	5	—	5	—	3	—
Mean Velocity irrespective of Direction	—	5	—	5	—	4	—	5	—	5	—	6	—	8	—	8	—	9	—	10	—	11	—	11

AUGUST.

N	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	8
NE	0	—	0	—	0	—	0	—	0	—	0	—	1	10	1	8	0	—	0	—	1	9	1	9
E	0	—	1	7	0	—	0	—	1	7	2	7	1	7	1	6	1	10	1	9	0	—	0	—
SE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	6	0	—	0	—
S	1	12	1	12	1	23	1	14	3	10	1	22	1	6	0	—	3	12	1	12	2	13	5	13
SW	11	10	10	10	8	10	12	10	10	10	12	10	14	12	12	13	9	14	15	13	15	14	15	14
W	6	8	6	7	7	8	5	7	6	7	2	7	9	9	11	12	10	11	7	15	7	14	5	15
NW	2	6	1	6	0	—	0	—	1	6	1	6	2	6	2	8	4	10	3	11	3	12	4	11
Calms	11	—	12	—	15	—	13	—	10	—	13	—	3	—	4	—	4	—	3	—	3	—	0	—
Mean Velocity irrespective of Direction	—	6	—	5	—	5	—	5	—	6	—	6	—	9	—	10	—	10	—	12	—	12	—	13

KEW.

MEAN VELOCITY, &c. for each CALENDAR MONTH—continued.

MAY 1889.

P.M.																							Midt.		Monthly Totals and Means.		Maximum Velocity.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		No.	V.		
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.			No.	
1	8	3	10	4	9	6	9	3	11	4	10	3	11	2	10	0	—	0	—	1	7	1	9	53	9	12	
8	11	5	14	3	17	3	18	3	8	3	8	1	10	3	9	3	9	3	8	3	9	3	8	84	10	20	
2	19	2	17	3	15	2	13	5	14	6	13	6	9	3	8	3	11	2	13	2	9	2	8	83	12	32	
2	20	1	21	2	17	1	17	4	13	1	12	1	11	1	10	1	7	1	8	2	7	1	8	30	13	26	
8	17	11	18	6	17	7	15	4	16	8	12	6	13	5	10	5	11	6	9	6	10	6	9	146	14	29	
4	13	2	12	4	18	4	16	3	14	2	18	5	10	5	9	3	7	6	9	3	8	2	9	93	11	28	
3	11	2	9	1	9	1	11	3	13	1	10	2	11	2	10	1	12	2	10	2	9	2	9	41	10	19	
1	7	2	9	3	8	3	8	2	6	2	11	1	6	0	—	0	—	0	—	0	—	0	—	20	8	12	
2	—	3	—	5	—	4	—	4	—	4	—	6	—	10	—	15	—	11	—	12	—	14	—	194	—	—	
—	13	—	13	—	12	—	12	—	11	—	10	—	8	—	7	—	5	—	6	—	5	—	5	—	8	—	

JUNE.

9	12	8	12	8	12	9	12	8	12	8	11	6	11	5	12	5	12	5	11	6	12	5	12	142	11	23
7	15	7	13	5	17	6	16	4	16	3	14	3	11	4	10	5	10	6	11	6	11	6	12	175	12	29
1	19	2	16	3	15	2	15	5	14	7	14	8	10	8	11	5	11	6	11	3	10	3	10	68	11	21
2	13	1	12	1	15	1	13	1	11	1	10	1	10	0	—	0	—	0	—	0	—	0	—	14	12	22
1	16	2	15	2	16	4	10	2	10	1	7	0	—	0	—	0	—	0	—	0	—	1	6	22	12	24
2	9	2	9	4	8	0	—	1	16	2	10	3	11	2	7	1	9	2	9	2	8	3	6	49	8	16
2	12	4	9	3	10	4	11	1	11	3	10	1	7	1	8	1	6	1	7	0	—	0	—	35	10	17
1	6	0	—	1	10	0	—	2	9	0	—	4	7	1	8	2	16	0	—	1	8	0	—	17	8	11
5	—	4	—	3	—	4	—	6	—	5	—	4	—	9	—	11	—	10	—	12	—	12	—	198	—	—
—	11	—	10	—	11	—	11	—	10	—	10	—	9	—	7	—	7	—	7	—	6	—	6	—	8	—

JULY.

4	10	4	10	2	12	3	11	3	10	3	13	3	12	2	11	2	11	2	12	1	10	1	9	49	11	18
3	12	4	12	4	11	2	13	3	12	1	11	2	13	1	12	1	8	1	7	2	9	2	10	63	11	17
2	11	2	14	1	16	0	—	1	13	2	11	2	10	3	11	3	9	2	8	1	7	1	6	27	10	16
2	11	0	—	0	—	1	13	0	—	0	—	1	9	1	6	1	9	1	7	0	—	0	—	23	10	16
3	18	3	18	5	16	3	13	4	14	6	12	3	11	3	12	3	12	3	10	3	7	1	6	61	12	26
8	10	7	12	7	13	13	14	8	15	8	14	10	13	9	12	8	12	9	10	10	10	10	9	192	12	29
6	13	7	9	4	11	1	9	5	11	4	10	4	9	5	8	3	11	2	9	2	10	2	11	85	10	19
2	13	1	13	4	11	4	10	4	10	3	9	1	6	1	7	0	—	0	—	0	—	0	—	46	10	14
1	—	3	—	4	—	4	—	3	—	4	—	5	—	6	—	10	—	11	—	12	—	14	—	198	—	—
—	11	—	11	—	11	—	11	—	11	—	10	—	10	—	8	—	7	—	6	—	6	—	5	—	8	—

AUGUST.

1	8	1	9	0	—	1	7	2	11	0	—	0	—	0	—	0	—	0	—	1	6	0	—	7	8	14
0	—	0	—	0	—	0	—	0	—	1	10	0	—	0	—	0	—	0	—	0	—	1	8	6	9	10
1	10	0	—	0	—	0	—	0	—	0	—	1	11	1	11	1	8	1	7	1	9	0	—	14	8	11
0	—	1	10	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	8	10
4	13	5	16	5	15	2	12	7	13	7	16	7	13	7	14	4	9	2	12	2	11	0	—	72	13	25
15	14	11	14	14	16	17	15	11	15	8	14	12	11	8	13	11	12	10	12	12	10	13	10	285	13	27
7	13	10	14	7	14	6	14	4	12	8	11	4	9	6	9	6	8	7	8	5	8	7	8	158	11	28
3	10	3	12	3	10	5	11	3	11	3	9	2	8	1	6	1	6	1	6	0	—	1	6	49	9	16
0	—	0	—	2	—	0	—	4	—	4	—	5	—	8	—	8	—	10	—	10	—	9	—	151	—	—
—	13	—	14	—	14	—	14	—	12	—	11	—	9	—	8	—	7	—	7	—	6	—	7	—	9	—

KEW.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and the

SEPTEMBER 1889.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	2	8	4	8	4	8	5	8	4	8	2	8	4	9	4	10	3	11	3	9	5	10	7	9
NE	2	9	2	11	2	10	2	9	1	8	3	10	4	12	4	13	4	10	5	11	4	12	1	11
E	0	—	1	8	1	7	1	8	1	11	1	10	1	6	0	—	1	17	1	21	2	17	3	16
SE	1	8	1	8	1	6	0	—	0	—	0	—	0	—	0	—	1	12	1	11	2	11	2	12
S	0	—	0	—	0	—	1	8	1	10	1	10	1	9	1	13	1	13	3	13	1	14	2	11
SW	2	9	3	7	3	8	2	10	2	7	2	7	3	8	2	10	6	8	4	11	5	13	3	14
W	5	10	6	9	7	10	3	11	5	10	5	9	4	11	6	11	7	11	6	13	3	15	7	12
NW	2	9	1	9	1	8	2	14	2	14	2	11	2	13	3	14	2	16	3	14	4	19	3	16
Calms	16	—	12	—	11	—	14	—	14	—	14	—	11	—	10	—	5	—	4	—	4	—	2	—
Mean Velocity } irrespective of Direction	—	4	—	5	—	5	—	5	—	5	—	5	—	6	—	8	—	9	—	10	—	12	—	11

OCTOBER.

N	1	8	2	8	2	7	1	7	0	—	2	7	5	10	5	10	4	11	4	11	5	10	3	12
NE	2	18	3	15	3	15	3	15	4	15	3	18	2	20	2	16	2	18	3	15	4	15	3	15
E	4	12	1	21	1	21	3	16	1	17	0	—	1	6	0	—	1	15	1	8	1	9	0	—
SE	0	—	2	10	4	9	1	7	1	13	2	10	2	11	1	15	0	—	4	10	2	12	3	11
S	2	14	2	17	1	25	1	14	2	16	4	12	2	7	3	9	3	12	3	11	4	15	5	16
SW	4	10	3	11	4	11	5	12	2	13	4	10	5	12	6	13	7	14	7	15	8	17	7	13
W	1	17	2	10	1	9	2	8	1	9	1	10	2	8	2	11	2	9	4	10	3	10	3	17
NW	3	8	2	9	2	9	2	8	2	7	1	10	0	—	0	—	0	—	0	—	0	—	1	11
Calms	14	—	14	—	13	—	13	—	18	—	14	—	12	—	12	—	12	—	5	—	4	—	6	—
Mean Velocity } irrespective of Direction	—	6	—	7	—	7	—	7	—	5	—	6	—	7	—	7	—	8	—	10	—	12	—	11

NOVEMBER.

N	1	19	1	17	1	18	1	16	0	—	0	—	0	—	0	—	1	6	1	8	1	10	1	8
NE	0	—	0	—	0	—	1	6	1	6	0	—	0	—	0	—	0	—	0	—	0	—	0	—
E	1	11	1	12	4	8	2	13	4	10	4	8	3	9	2	8	3	7	2	6	2	9	2	8
SE	2	7	1	7	0	—	1	8	0	—	0	—	1	6	2	7	0	—	3	6	2	9	3	10
S	2	10	3	16	3	9	2	10	2	14	2	16	3	15	2	18	5	12	2	11	3	12	3	11
SW	4	14	3	8	7	9	6	10	4	8	5	8	2	7	4	8	3	10	4	11	5	9	4	9
W	4	7	4	8	1	7	2	6	2	8	2	7	5	10	2	7	3	12	3	13	6	15	6	16
NW	1	6	0	—	0	—	0	—	2	18	2	15	2	13	3	15	3	13	3	13	3	16	5	12
Calms	15	—	17	—	14	—	15	—	15	—	15	—	14	—	15	—	12	—	12	—	8	—	6	—
Mean Velocity } irrespective of Direction	—	5	—	5	—	5	—	5	—	5	—	5	—	6	—	5	—	6	—	6	—	9	—	9

DECEMBER.

N	2	10	1	10	0	—	0	—	3	9	3	10	2	9	1	10	1	10	0	—	1	6	0	—
NE	1	15	3	11	3	8	4	11	2	8	1	11	2	9	2	12	2	15	3	12	2	11	2	9
E	2	8	1	10	2	14	1	11	2	11	3	9	2	10	2	11	3	9	3	10	4	15	4	12
SE	0	—	0	—	1	8	1	7	1	6	1	8	1	6	1	9	1	8	1	7	1	9	2	10
S	3	16	3	16	3	19	3	19	4	21	3	21	4	20	4	21	5	21	4	18	2	25	2	17
SW	6	12	6	14	6	13	6	13	5	14	7	15	6	15	6	14	6	13	8	12	7	14	8	14
W	2	10	3	9	2	8	1	10	1	10	2	7	1	9	2	8	2	7	2	7	4	10	4	16
NW	5	—	0	—	0	—	0	—	0	—	0	—	0	—	2	7	1	6	1	7	1	6	0	—
Calms	15	—	14	—	14	—	15	—	13	—	11	—	13	—	11	—	10	—	9	—	9	—	9	—
Mean Velocity } irrespective of Direction	—	6	—	7	—	7	—	7	—	7	—	8	—	8	—	8	—	9	—	8	—	9	—	10

KEW.

MEAN VELOCITY, &c. for each CALENDAR MONTH—continued.

SEPTEMBER 1889.

P.M.																							Midt.		Monthly Totals and Means.		Maximum Velocity.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
4	11	6	12	5	11	7	10	5	9	5	11	3	12	4	10	4	10	4	9	3	9	4	8	101	10	20	
3	10	3	12	3	9	2	9	1	13	1	11	0	—	0	—	2	14	2	11	3	10	2	10	56	11	22	
3	18	3	15	2	17	3	18	4	12	3	8	3	6	2	11	0	—	1	6	1	6	1	10	39	13	24	
2	12	1	11	0	—	1	10	1	10	2	7	1	9	1	6	1	8	1	7	1	7	1	8	22	9	13	
1	11	2	13	2	14	2	9	0	—	0	—	1	6	1	7	0	—	0	—	0	—	0	—	21	11	17	
5	13	5	12	5	12	5	12	7	11	7	10	7	9	5	8	4	8	4	9	4	9	5	7	100	10	21	
5	14	4	15	6	11	2	9	4	9	3	12	3	13	4	12	4	11	3	9	4	9	4	10	110	11	19	
5	15	4	14	6	11	7	12	7	11	5	9	5	9	3	9	2	9	3	11	3	10	1	9	78	12	20	
2	—	2	—	1	—	1	—	1	—	4	—	7	—	10	—	13	—	12	—	11	—	12	—	193	—	—	
—	12	—	12	—	11	—	11	—	10	—	8	—	7	—	6	—	6	—	6	—	6	—	5	—	8	—	

OCTOBER.

4	11	3	12	3	10	3	9	2	10	1	11	1	10	1	7	1	9	0	—	1	8	1	9	55	10	18
0	—	1	25	3	15	2	17	1	23	2	15	2	18	2	19	2	19	2	19	2	20	2	19	55	17	29
2	19	3	9	0	—	0	—	2	14	1	15	1	16	3	12	2	13	2	14	2	13	3	12	35	13	24
1	11	1	13	2	11	3	10	1	9	2	8	3	7	0	—	1	10	1	7	2	9	0	—	39	10	15
6	14	7	14	7	12	6	12	7	12	6	11	6	12	5	11	5	11	4	13	4	13	5	13	100	13	29
7	15	6	15	6	12	4	13	4	9	5	11	4	12	6	9	6	11	7	9	6	9	5	10	128	12	29
5	14	4	14	3	13	5	11	2	15	0	—	0	—	1	6	1	7	0	—	0	—	0	—	45	11	31
1	11	1	8	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	7	3	9	2	10	23	8	11
5	—	5	—	7	—	8	—	12	—	14	—	14	—	13	—	13	—	12	—	11	—	13	—	264	—	—
—	12	—	11	—	9	—	9	—	7	—	6	—	6	—	6	—	7	—	7	—	7	—	7	—	8	—

NOVEMBER.

1	6	0	—	1	8	1	9	1	7	0	—	0	—	0	—	1	6	0	—	0	—	0	—	13	11	19
0	—	1	10	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	7	10
1	10	2	10	2	10	2	10	4	11	5	9	5	9	4	10	2	10	1	9	2	11	2	12	62	9	16
4	9	4	9	4	9	4	10	2	9	2	8	2	7	2	7	3	7	4	8	2	9	1	7	49	8	11
4	13	3	12	2	12	3	12	3	9	2	8	2	13	2	17	2	9	3	16	2	22	2	20	62	13	30
1	7	1	12	1	10	2	11	3	8	6	11	4	9	2	12	3	15	4	9	2	10	3	8	83	10	30
9	13	7	13	8	12	4	11	5	9	3	10	3	11	4	10	5	10	4	9	4	8	2	7	98	11	28
4	13	7	11	4	11	5	9	3	11	2	11	3	9	3	10	2	13	3	11	2	11	1	17	63	12	21
6	—	5	—	8	—	9	—	9	—	10	—	11	—	13	—	12	—	11	—	16	—	19	—	287	—	—
—	9	—	9	—	8	—	7	—	6	—	6	—	6	—	6	—	6	—	6	—	5	—	4	—	6	—

DECEMBER.

0	—	1	8	2	7	2	8	2	8	2	9	1	7	3	7	2	9	3	9	3	9	3	7	38	8	12
3	11	3	14	3	14	2	17	2	16	2	14	3	12	2	14	2	12	1	18	1	14	1	14	52	12	24
4	10	3	11	2	12	3	9	3	9	2	10	2	8	1	11	1	9	1	9	2	9	2	10	55	10	21
1	11	1	10	1	7	1	6	2	8	1	9	1	9	1	7	1	6	1	6	2	7	1	8	25	8	11
2	16	1	24	1	12	2	17	3	12	3	10	2	10	2	11	4	12	4	13	4	13	5	13	73	17	31
12	12	11	12	11	11	6	10	7	10	6	10	9	10	8	10	7	10	7	9	6	11	5	11	172	12	28
2	9	1	9	1	6	3	11	1	18	2	11	4	9	4	10	4	9	2	10	2	10	4	9	56	10	26
1	24	2	15	1	20	0	—	0	—	0	—	1	6	1	8	0	—	0	—	0	—	0	—	11	11	24
6	—	8	—	9	—	12	—	11	—	13	—	8	—	9	—	10	—	12	—	11	—	10	—	262	—	—
—	10	—	9	—	8	—	7	—	7	—	6	—	7	—	7	—	7	—	6	—	7	—	7	—	8	—

KEW OBSERVATORY.

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, and DAILY AMOUNTS of RAINFALL, for each MONTH of the YEAR.

JANUARY 1889.										FEBRUARY 1889.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			
				Dry.	Difference. (Dry—Wet.)								Dry.	Difference. (Dry—Wet.)					Dry.
1	ins. 30°193	ins. 30°306	ins. 30°089	28°1	0°3	32°3	24°8	in. —	1	ins. 29°704	ins. 29°838	ins. 29°577	52°0	1°8	55°8	47°3	in. —	1	
2	30°473	30°612	30°320	31°1	1°0	37°4	22°9	°010	2	29°633	29°705	29°463	39°6	4°1	47°6	33°5	°050	2	
3	30°684	30°711	30°616	34°3	1°4	36°2	29°0	—	3	29°236	29°427	29°111	37°1	2°0	42°1	32°9	°170	3	
4	30°625	30°701	30°521	30°2	0°7	34°0	26°4	—	4	29°949	30°265	29°463	34°9	2°6	40°1	30°6	°040	4	
5	30°362	30°499	30°213	27°0	0°2	30°1	23°9	—	5	30°190	30°279	30°031	34°1	1°6	39°6	28°0	°015	5	
6	30°075	30°200	29°999	24°7	0°3	29°5	19°7	—	6	29°940	30°020	29°720	41°0	1°8	43°3	38°8	°010	6	
7	30°011	30°035	29°983	28°2	0°4	32°0	24°3	—	7	29°737	29°993	29°428	38°4	2°1	45°3	30°9	°250	7	
8	29°823	29°992	29°660	38°3	0°9*	44°3	27°0	°005	8	29°526	29°941	29°290	38°1	2°9	48°3	30°1	°120	8	
9	29°446	29°639	29°241	44°6	1°8	47°1	40°5	°280	9	29°591	29°790	29°386	33°1	4°1	36°9	28°1	—	9	
10	29°413	29°600	29°234	38°6	1°0	40°4	37°2	°130	10	29°544	29°811	29°120	29°2	0°9	33°0	23°9	°495	10	
11	29°577	29°674	29°410	37°7	2°0	41°2	34°3	—	11	29°519	29°910	29°123	30°9	1°4	33°3	26°6	—	11	
12	29°488	29°716	29°371	34°3	1°3	36°2	31°3	°135	12	30°148	30°302	29°934	28°1	1°7	35°8	21°0	°005	12	
13	29°956	30°118	29°736	36°9	1°0	38°8	33°8	—	13	30°058	30°304	29°673	30°3	0°7	41°1	14°9	°185	13	
14	30°183	30°210	30°124	38°2	1°6	39°0	37°0	—	14	29°466	29°651	29°377	44°6	1°0	48°9	39°2	°370	14	
15	30°117	30°203	29°987	36°2	1°8	37°1	34°0	—	15	29°764	30°163	29°461	39°2	3°5	44°7	31°8	—	15	
16	29°976	30°096	29°922	34°2	1°6	35°1	33°3	—	16	30°097	30°206	29°963	37°3	1°0	43°8	29°6	°105	16	
17	30°293	30°432	30°119	37°3	1°1	40°4	34°8	—	17	30°209	30°368	30°047	46°7	2°1	55°6	41°0	—	17	
18	30°377	30°439	30°290	42°6	1°4	49°9	33°0	°005	18	30°410	30°437	30°375	46°6	2°2	52°9	40°1	—	18	
19	30°315	30°356	30°280	42°7	2°5	47°1	36°0	—	19	30°367	30°403	30°326	46°4	2°1	49°1	42°5	°030	19	
20	30°239	30°307	30°169	38°0	0°7	43°3	30°1	°110	20	30°037	30°279	29°910	43°3	2°2	49°2	39°7	°055	20	
21	30°293	30°326	30°258	35°2	0°8	42°1	29°1	°035	21	30°120	30°212	29°994	38°7	2°9	41°2	34°9	—	21	
22	30°401	30°447	30°321	38°1	2°2	40°5	35°9	—	22	30°134	30°197	30°081	36°6	2°8	41°0	32°7	°060	22	
23	30°464	30°489	30°431	34°5	0°5	40°1	30°8	°005	23	30°167	30°253	30°088	33°9	2°7	37°3	30°6	—	23	
24	30°466	30°485	30°447	38°7	0°7	42°2	32°8	°005	24	30°179	30°249	30°112	34°3	2°7	38°3	31°8	—	24	
25	30°427	30°479	30°384	41°6	1°4	43°8	40°2	—	25	29°951	30°098	29°826	33°7	1°7	38°1	31°9	°050	25	
26	30°371	30°404	30°353	45°0	2°6	49°8	41°9	—	26	29°763	29°823	29°684	32°8	2°0	35°4	29°1	—	26	
27	30°567	30°626	30°399	35°6	1°3	44°3	28°5	—	27	29°595	29°671	29°549	33°6	2°3	37°2	31°9	°035	27	
28	30°407	30°548	30°240	41°1	1°2	48°1	31°9	°010	28	29°705	29°801	29°603	31°7	1°8	35°1	30°5	°025	28	
29	29°970	30°210	29°794	44°2	1°9	48°1	35°0	°085											
30	29°919	30°053	29°792	41°2	1°4	47°0	32°3	°055											
31	29°878	29°962	29°799	48°1	1°6	53°0	40°8	°045											
Maximum fall in one hour } 7 p.m. 9th - - - - -									°140	Maximum fall in one hour } 1 p.m. 14th - - - - -									°135
MARCH.										APRIL.									
1	ins. 29°854	ins. 29°907	ins. 29°799	32°1	2°4	34°9	30°8	in. —	1	ins. 29°920	ins. 29°977	ins. 29°856	43°6	3°6	52°5	34°2	ins. °025	1	
2	29°931	29°958	29°905	31°0	1°7	33°8	29°2	°005	2	29°879	29°915	29°850	43°4	4°9	48°8	40°9	—	2	
3	29°988	30°026	29°954	29°0	1°7	36°0	23°5	—	3	29°740	29°862	29°424	39°8	1°9	43°3	36°8	°145	3	
4	30°034	30°054	30°008	29°3	2°1	37°2	20°9	—	4	29°240	29°392	29°155	45°6	2°6	50°6	42°0	°050	4	
5	30°131	30°188	30°055	32°1	2°6	38°7	28°0	—	5	29°391	29°458	29°298	45°1	2°9	53°6	38°8	—	5	
6	30°050	30°159	29°836	35°3	2°6	45°2	25°9	—	6	29°465	29°504	29°396	44°2	2°3	50°1	40°0	°055	6	
7	29°443	29°802	29°318	43°7	1°1	49°0	35°9	°390	7	29°367	29°399	29°347	44°1	2°9	50°8	37°3	—	7	
8	29°184	29°323	28°991	48°5	1°2	52°8	40°2	°195	8	29°302	29°390	29°242	47°4	2°7	54°4	42°4	°010	8	
9	29°516	29°711	29°109	40°3	3°2	49°7	29°7	°070	9	29°343	29°436	29°253	44°8	1°1	48°0	42°6	°260	9	
10	29°725	29°768	29°707	37°7	2°2	43°9	30°1	°005	10	29°473	29°494	29°439	42°6	0°6	44°4	40°4	°565	10	
11	29°991	30°226	29°779	38°5	3°7	44°1	32°8	—	11	29°491	29°550	29°460	42°0	1°1	49°1	36°0	°005	11	
12	30°253	30°275	30°235	39°0	1°6	48°1	29°7	°005	12	29°592	29°653	29°541	44°3	1°9	51°0	35°0	°025	12	
13	30°201	30°286	30°151	45°2	2°7	53°2	37°1	°010	13	29°686	29°710	29°648	41°8	2°5	46°1	39°6	°050	13	
14	30°326	30°386	30°293	42°3	3°8	48°2	38°2	—	14	29°755	29°890	29°677	40°3	1°6	43°6	37°0	°095	14	
15	30°529	30°586	30°403	34°6	3°1	38°3	28°9	—	15	29°920	29°969	29°896	41°7	3°1	48°2	36°0	°010	15	
16	30°403	30°572	30°267	39°7	2°8	49°5	28°7	—	16	29°955	29°970	29°929	41°9	3°2	48°5	33°6	—	16	
17	30°181	30°207	30°066	45°9	3°0	52°4	38°2	—	17	29°954	30°027	29°919	47°4	2°6	55°0	39°8	—	17	
18	29°826	30°052	29°531	44°1	3°6	48°1	41°9	°005	18	30°099	30°156	30°029	53°3	2°4	61°9	48°2	—	18	
19	29°256	29°500	28°960	44°9	2°2	53°6	38°0	°130	19	30°191	30°219	30°153	51°8	3°6	61°9	43°8	—	19	
20	29°979	29°038	28°952	44°0	2°3	49°8	40°2	°045	20	30°034	30°152	29°959	51°2	3°8	58°8	45°6	—	20	
21	29°446	29°904	29°059	37°9	2°6	40°8	34°3	°225	21	29°784	29°941	29°684	48°5	3°0	55°0	42°0	°045	21	
22	30°108	30°229	29°927	38°3	4°0	45°0	32°8	—	22	29°796	29°855	29°764	47°3	3°7	55°0	40°9	°015	22	
23	30°257	30°287	30°238	41°8	3°3	51°0	30°9	°005	23	29°682	29°851	29°515	44°5	2°3	53°2	37°0	°235	23	
24	30°204	30°246	30°177	49°5	2°3	58°3	44°0	°045	24	29°476	29°575	29°421	45°2	2°2	49°1	42°6	°180	24	
25	29°990	30°168	29°895	48°9	3°3	57°6	43°0	°065	25	29°786	29°984	29°579	44°7	2°2	51°1	37°3	°055	25	
26	29°982	30°139	29°912	42°3	3°6	47°8	39°1	—	26	29°984	30°017	29°957	46°8	3°5	58°1	34°1	°030	26	
27	30°299	30°440	30°149	39°5	4°7	47°0	32°1	°005	27	29°947	29°978	29°907	51°4	3°6	60°0	45°2	°090	27	
28	30°433	30°474	30°374	40°6	3°1	50°8	29°0	°010	28	29°760									

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., KEW—cont.

MAY 1889.										JUNE 1889.																											
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.																			
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.																				
				Dry.	Difference. (Dry—Wet.)									Dry.	Difference. (Dry—Wet.)																						
1	ins.	ins.	ins.	48°3	2°9	54°2	41°9	in.	—	1	ins.	ins.	ins.	60°1	4°6	71°0	45°8	in.	—																		
2	29°677	29°713	29°584	48°3	2°9	54°2	41°9	—	—	2	29°909	29°951	29°835	60°1	4°6	71°0	45°8	—	—																		
3	29°770	29°928	29°668	49°0	1°8	58°3	42°0	°335	—	3	29°704	29°834	29°658	66°2	4°4	78°3	56°2	—	—																		
4	29°954	29°975	29°928	52°9	4°0	60°9	44°2	—	—	4	29°888	30°098	29°704	62°3	5°5	70°5	53°1	—	—																		
5	29°907	29°964	29°873	59°5	5°9	71°9	48°7	—	—	5	30°251	30°368	30°095	62°7	5°1	73°2	51°1	—	—																		
6	29°810	29°880	29°755	60°9	4°9	73°4	52°0	°025	—	6	30°320	30°390	30°226	62°3	6°8	70°0	53°7	—	—																		
7	29°771	29°786	29°738	60°5	4°8	71°9	49°9	—	—	7	30°074	30°229	29°971	65°1	4°5	79°2	54°2	°380	—																		
8	29°784	29°798	29°767	56°7	2°4	64°0	51°4	—	—	8	29°958	30°007	29°935	65°8	2°7	75°5	56°2	°030	—																		
9	29°822	29°850	29°785	54°9	4°0	63°0	48°0	—	—	9	29°883	29°972	29°773	56°7	1°9	59°6	53°9	—	—																		
10	29°673	29°802	29°607	60°5	4°7	71°6	50°7	°115	—	10	29°652	29°772	29°603	55°5	2°4	58°4	53°1	—	—																		
11	29°745	29°802	29°658	54°8	3°4	61°3	51°0	°115	—	11	29°690	29°793	29°593	50°6	1°5	53°7	49°3	°405	—																		
12	29°767	29°787	29°754	51°3	2°5	55°2	48°4	°110	—	12	29°839	29°900	29°784	53°9	0°9	59°0	49°4	°020	—																		
13	29°787	29°831	29°741	50°0	1°1	52°1	47°3	°210	—	13	29°919	29°936	29°890	58°8	2°9	65°4	53°6	°005	—																		
14	29°856	29°880	29°820	53°0	1°6	58°1	50°0	°040	—	14	29°909	29°930	29°871	62°6	4°9	71°2	55°1	—	—																		
15	29°813	29°866	29°771	53°1	1°9	59°6	48°9	—	—	15	29°949	29°972	29°923	57°8	2°4	63°6	51°9	—	—																		
16	29°821	29°914	29°771	53°6	2°8	62°7	46°8	—	—	16	29°951	30°003	29°921	60°0	2°7	66°3	54°8	°405	—																		
17	29°949	29°974	29°914	56°6	4°5	69°7	46°1	—	—	17	30°058	30°117	30°002	60°2	4°8	68°9	51°9	°030	—																		
18	29°906	29°953	29°855	54°9	2°1	63°4	47°0	—	—	18	30°171	30°212	30°117	58°3	3°9	66°1	49°0	—	—																		
19	29°914	29°936	29°891	55°1	4°0	63°4	47°2	—	—	19	30°175	30°214	30°130	56°1	4°2	63°1	49°7	—	—																		
20	29°912	29°959	29°898	53°7	1°6	59°8	46°1	°110	—	20	30°078	30°141	30°027	56°7	4°6	64°9	48°1	—	—																		
21	30°036	30°089	29°951	55°3	2°0	62°0	51°4	—	—	21	30°031	30°082	29°973	61°0	5°1	70°9	53°1	—	—																		
22	30°067	30°080	30°053	58°4	3°6	66°9	50°8	—	—	22	30°023	30°053	29°993	62°1	4°1	71°2	54°3	—	—																		
23	29°952	30°053	29°882	62°4	4°4	76°2	48°3	—	—	23	30°047	30°082	30°005	61°6	5°1	73°9	51°9	—	—																		
24	29°785	29°882	29°698	64°8	3°9	77°2	53°3	°015	—	24	30°026	30°071	29°980	58°7	4°4	67°3	51°5	—	—																		
25	29°573	29°698	29°471	65°8	5°5	77°9	52°1	—	—	25	29°999	30°022	29°974	59°1	2°8	65°3	51°8	°005	—																		
26	29°529	29°606	29°452	61°8	3°5	68°0	54°2	°005	—	26	30°047	30°095	30°015	62°4	5°1	74°5	53°0	—	—																		
27	29°641	29°703	29°579	54°6	0°9	57°5	52°0	°290	—	27	30°057	30°095	30°014	64°8	6°6	75°7	51°0	—	—																		
28	29°679	29°704	29°656	54°1	1°0	57°7	51°2	°455	—	28	29°998	30°030	29°960	66°4	7°0	78°0	55°1	—	—																		
29	29°656	29°676	29°637	55°5	2°7	61°2	51°9	°070	—	29	30°042	30°108	30°009	65°6	4°9	79°0	53°9	—	—																		
30	29°694	29°782	29°650	54°4	4°0	61°4	47°4	°020	—	30	30°171	30°251	30°108	65°9	4°9	75°7	55°4	—	—																		
31	29°820	29°844	29°772	54°1	3°8	61°0	47°3	°130	—	31	30°275	30°331	30°251	65°3	6°3	74°8	56°4	—	—																		
31	29°843	29°917	29°804	55°5	4°1	63°4	48°0	—	—																												
Maximum fall in one hour } 8 a.m. 27th									°0605	Maximum fall in one hour } 11 p.m. 15th									°0290																		
JULY.										AUGUST.																											
1	ins.	ins.	ins.	62°5	0°4	70°0	54°1	in.	—	1	ins.	ins.	ins.	67°7	4°2	80°2	57°9	in.	°155																		
																				30°337	30°387	30°284	60°0	5°8	65°6	52°9	—	2	ins.	ins.	ins.	63°7	5°1	71°1	57°0	—	2
30°139	30°176	30°097	61°6	4°3	69°2	55°8	—	4	ins.	ins.	ins.	63°3	4°3	71°0	56°0	°035																					
5	30°139	30°158	30°100	64°4	6°5	75°8	54°9	—	—	5	29°704	29°827	29°646	61°2	2°6	68°8	55°7	°265	—																		
6	30°002	30°146	29°836	65°0	6°8	76°7	50°6	—	—	6	29°734	29°815	29°700	59°0	4°4	66°4	53°1	°070	—																		
7	29°735	29°836	29°679	62°7	5°6	70°3	57°1	—	—	7	29°963	30°088	29°814	59°8	5°1	68°8	52°3	—	—																		
8	29°770	29°821	29°745	57°8	3°5	62°7	54°1	°080	—	8	30°053	30°099	30°001	58°7	4°0	67°4	49°2	—	—																		
9	29°785	29°841	29°691	63°9	3°4	71°7	57°3	°050	—	9	29°869	30°005	29°767	57°8	2°2	63°2	52°6	°190	—																		
10	29°666	29°814	29°541	62°5	2°4	71°1	57°8	°100	—	10	29°701	29°783	29°562	58°4	3°3	67°3	50°8	—	—																		
11	29°936	29°987	29°814	62°2	4°9	70°4	52°3	—	—	11	29°531	29°613	29°487	56°5	2°8	65°1	51°1	°060	—																		
12	29°953	29°980	29°932	63°7	2°1	70°9	58°0	°700	—	12	29°743	29°907	29°613	55°5	2°7	60°6	50°3	°015	—																		
13	29°867	29°955	29°803	63°4	3°0	70°3	59°9	°040	—	13	29°984	30°036	29°907	57°5	4°4	62°6	53°0	—	—																		
14	29°830	29°905	29°777	61°5	3°3	67°4	57°3	—	—	14	29°869	30°033	29°687	57°9	2°7	64°2	52°7	°160	—																		
15	29°864	29°901	29°820	59°0	4°5	65°9	53°1	°020	—	15	29°814	29°913	29°690	63°1	3°4	69°8	57°3	—	—																		
16	29°816	29°841	29°768	58°0	4°7	65°9	50°0	—	—	16	29°940	29°995	29°871	63°7	3°9	72°4	56°1	—	—																		
17	29°785	29°880	29°715	56°2	3°3	65°2	48°7	°310	—	17	29°815	29°929	29°760	62°2	4°6	70°1	52°3	°010	—																		
18	29°913	29°929	29°880	59°6	4°3	67°9	52°2	—	—	18	29°948	29°991	29°890	58°9	4°5	69°0	50°0	°010	—																		
19	29°880	29°924	29°835	58°4	4°6	68°1	47°0	—	—	19	29°585	29°890	29°305	61°4	2°8	72°1	51°2	°010	—																		
20	29°747	29°819	29°667	58°9	2°5	65°2	49°1	°050	—	20	29°396	29°625	29°172	60°0	4°1	64°8	55°7	°245	—																		
21	29°631	29°709	29°582	59°4	2°6	65°9	55°8	°630	—	21	29°399	29°612	29°219	58°6	2°7	64°4	54°7	°310	—																		
22	29°838	29°883	29°709	57°8	5°6	65°9	50°8	—	—	22	29°527	29°815	29°253	57°5	3°3	64°9	51°2	°110	—																		
23	29°760	29°839	29°714	56°1	2°7	63°9	49°2	°505	—	23	29°915	29°949	29°815	55°1	4°4	61°3	49°8	—	—																		
24	29°769	29°809	29°659	56°2	2°2	62°1	47°0	°015	—	24	29°823	29°912	29°773	53°9	2°1	63°1	49°4	°270	—																		
25	29°554	29°659	29°515	58°6	3°1	62°2	54°3	°060	—	25	29°868	29°944	29°817	53°9	3°6	62°9	45°1	°010	—																		
26	29°664	29°783	29°532	58°5	3°5	65°9	53°4	°055	—	26	30°049	30°178	29°944	54°5	3°3	61°1	48°9	—	—																		
27	29°891	30°006	29°784	58°3	3°0	65°9	54°0</																														

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., KEW—cont.

SEPTEMBER 1889.										OCTOBER 1889.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			Means 24 hrs.	Max.	Min.	Dry.	Difference. (Dry—Wet.)	Max.	Min.			
				Dry.	Difference. (Dry—Wet.)														Dry.
1	ins. 30°144	ins. 30°181	ins. 30°111	61°4	3°4	70°2	56°9	in. —	1	ins. 29°866	ins. 29°901	ins. 29°784	50°1	2°4	56°2	46°8	in. 0°75	1	
2	30°004	30°110	29°949	62°4	2°2	68°5	57°7	—	2	29°890	29°924	29°857	51°3	2°3	57°0	47°4	0°05	2	
3	29°982	30°052	29°915	63°3	2°0	70°3	60°0	0°40	3	29°744	29°915	29°613	48°2	1°4	55°2	42°7	1°85	3	
4	30°120	30°181	30°046	62°5	3°2	67°2	59°2	—	4	29°530	29°613	29°377	46°5	0°6	51°2	42°6	0°480	4	
5	30°218	30°256	30°180	60°4	1°8	62°4	58°7	—	5	29°666	29°788	29°598	48°3	0°8	50°1	39°9	0°115	5	
6	30°239	30°271	30°207	60°0	4°1	67°2	54°0	0°10	6	29°802	29°857	29°621	51°7	1°3	55°9	44°6	0°25	6	
7	30°119	30°207	30°067	58°1	2°2	65°5	51°8	0°80	7	29°407	29°621	29°280	53°6	4°0	57°2	47°2	0°55	7	
8	30°076	30°106	30°060	54°8	1°9	64°6	45°9	—	8	29°400	29°561	29°161	48°8	2°7	56°4	43°8	1°65	8	
9	30°128	30°188	30°097	60°7	2°7	70°7	50°0	—	9	29°213	29°257	29°163	48°4	2°6	55°3	43°7	—	9	
10	30°187	30°215	30°160	63°8	3°5	74°7	56°1	—	10	29°330	29°433	29°236	46°1	1°8	57°5	35°8	0°20	10	
11	30°135	30°177	30°099	64°4	4°8	76°3	51°1	0°05	11	29°462	29°549	29°414	46°9	0°7	51°3	42°9	1°60	11	
12	30°168	30°234	30°106	66°0	3°6	75°8	57°6	—	12	29°614	29°685	29°548	46°7	1°7	55°1	39°4	0°30	12	
13	30°192	30°231	30°134	63°8	3°8	76°2	57°0	0°05	13	29°797	29°890	29°685	42°3	1°2	54°3	32°0	0°05	13	
14	30°307	30°343	30°228	58°2	4°6	63°4	52°9	—	14	29°923	29°942	29°890	42°7	1°3	54°8	35°7	0°10	14	
15	30°368	30°405	30°334	53°7	4°3	59°2	49°3	—	15	29°876	29°926	29°814	48°3	1°3	58°6	35°7	0°05	15	
16	30°382	30°418	30°339	51°4	3°5	60°1	39°3	—	16	29°719	29°814	29°684	55°0	0°6	59°1	50°5	0°485	16	
17	30°215	30°339	30°146	48°1	4°0	61°4	34°7	0°05	17	29°755	29°779	29°691	49°9	1°6	56°1	44°4	—	17	
18	30°136	30°195	30°059	50°4	3°9	64°0	37°9	—	18	29°542	29°768	29°270	49°7	1°8	56°6	40°8	0°10	18	
19	29°808	30°059	29°640	51°1	2°5	60°8	39°2	1°70	19	29°189	29°274	29°082	49°2	1°3	52°6	45°8	1°45	19	
20	29°620	29°645	29°600	50°1	3°8	57°0	44°3	0°30	20	29°203	29°269	29°125	49°2	1°2	55°8	45°0	0°35	20	
21	29°630	29°668	29°589	47°1	3°5	54°3	40°8	0°20	21	29°310	29°357	29°256	46°3	0°7	50°4	41°5	1°10	21	
22	29°676	29°848	29°570	47°5	3°5	56°9	39°6	0°05	22	29°387	29°460	29°316	45°5	0°3	49°5	41°9	—	22	
23	29°820	29°899	29°645	46°9	3°5	55°7	35°5	0°05	23	29°660	29°848	29°458	47°7	1°1	50°9	44°2	0°05	23	
24	29°542	29°645	29°470	52°9	1°0	59°1	44°9	0°90	24	30°009	30°131	29°848	46°7	1°2	50°6	42°8	1°00	24	
25	29°880	30°105	29°611	46°6	4°8	54°3	39°8	—	25	30°167	30°193	30°131	45°1	2°0	51°7	36°9	0°05	25	
26	30°147	30°167	30°104	49°5	3°0	58°1	36°1	—	26	30°071	30°190	29°889	47°4	2°8	51°3	45°9	—	26	
27	30°042	30°152	29°899	58°7	2°9	64°9	53°5	—	27	29°680	29°889	29°604	48°2	1°0	52°9	43°8	0°60	27	
28	29°806	29°899	29°761	54°8	5°0	58°6	40°0	—	28	29°772	29°859	29°703	49°2	0°5	53°0	44°9	0°25	28	
29	29°793	29°827	29°771	49°2	4°5	52°2	44°8	—	29	29°881	29°909	29°852	48°8	0°4	53°5	43°9	0°05	29	
30	29°693	29°800	29°618	48°6	2°1	54°4	46°0	0°205	30	29°832	29°918	29°645	50°1	1°8	55°9	42°9	0°20	30	
Maximum fall in one hour } 4 p.m. 24th									0°280	Maximum fall in one hour } 5 p.m. 16th									0°230
NOVEMBER.										DECEMBER.									
1	ins. 29°713	ins. 29°909	ins. 29°581	47°5	3°2	53°5	41°1	in. 0°90	1	ins. 30°387	ins. 30°474	ins. 30°257	30°3	1°2	38°3	26°0	in. 0°05	1	
2	29°890	29°937	29°796	43°7	2°8	51°2	39°0	—	2	30°462	30°493	30°444	30°0	0°9	36°6	25°8	0°05	2	
3	29°799	29°941	29°558	49°0	0°8	52°9	40°8	0°40	3	30°440	30°458	30°428	28°9	1°1	32°6	25°9	—	3	
4	29°798	29°881	29°692	48°9	2°4	53°7	41°8	—	4	30°459	30°505	30°428	31°2	1°5	35°2	24°6	0°05	4	
5	29°946	30°097	29°881	39°1	1°3	46°8	31°9	0°05	5	30°573	30°628	30°504	35°6	1°3	37°1	32°2	0°20	5	
6	30°301	30°427	30°097	44°9	1°3	50°4	39°7	—	6	30°507	30°625	30°321	36°1	2°0	37°5	33°9	—	6	
7	30°458	30°487	30°420	47°0	0°4	52°4	39°0	0°05	7	30°132	30°321	30°043	33°8	0°8	35°1	32°2	0°25	7	
8	30°460	30°494	30°423	51°1	1°1	57°0	42°6	—	8	30°228	30°296	30°112	34°8	0°9	37°4	31°9	0°05	8	
9	30°368	30°423	30°342	49°2	1°6	54°1	42°4	0°05	9	29°816	30°112	29°609	45°9	0°7	49°1	37°7	0°05	9	
10	30°349	30°376	30°316	50°2	1°9	54°4	45°8	—	10	29°372	29°609	29°258	43°8	1°4	48°3	34°1	0°20	10	
11	30°386	30°414	30°372	51°0	1°3	53°5	48°0	—	11	29°528	29°870	29°268	34°0	1°2	39°2	30°2	0°05	11	
12	30°343	30°381	30°302	43°1	1°9	48°1	35°9	0°05	12	30°002	30°058	29°870	32°6	1°3	39°2	25°1	0°05	12	
13	30°296	30°316	30°272	39°0	0°7	50°6	33°0	0°05	13	29°847	29°983	29°783	40°2	0°8	46°7	29°8	0°70	13	
14	30°294	30°308	30°280	45°2	0°1	47°2	39°3	0°10	14	30°201	30°352	29°983	35°3	0°4	38°7	28°8	0°05	14	
15	30°332	30°401	30°292	49°6	0°9	57°1	43°5	—	15	30°417	30°446	30°350	38°0	0°5	41°2	33°0	—	15	
16	30°503	30°600	30°399	50°4	0°6	53°1	47°0	—	16	30°423	30°465	30°363	44°5	0°3	47°8	39°0	0°35	16	
17	30°606	30°618	30°588	50°5	0°5	51°9	48°9	0°05	17	30°426	30°460	30°388	50°0	0°4	52°0	47°6	0°10	17	
18	30°624	30°648	30°602	48°3	1°1	51°0	45°6	0°05	18	30°256	30°388	30°181	48°4	0°9	50°3	45°2	0°15	18	
19	30°618	30°642	30°599	43°7	2°1	46°7	42°2	—	19	30°216	30°333	29°958	39°5	1°4	45°2	33°2	—	19	
20	30°608	30°640	30°578	41°7	2°2	43°2	39°0	—	20	29°752	29°958	29°590	41°7	1°5	46°1	36°3	0°55	20	
21	30°483	30°578	30°412	39°1	1°1	42°8	36°8	—	21	29°745	29°815	29°605	42°4	1°4	48°0	35°1	1°35	21	
22	30°340	30°413	30°268	45°4	0°5	51°4	37°3	—	22	29°562	29°687	29°518	49°2	0°8	51°9	46°0	1°60	22	
23	30°229	30°268	30°159	48°5	0°4	53°2	41°8	0°90	23	29°941	30°016	29°687	46°0	1°4	48°9	42°0	—	23	
24	29°829	30°159	29°394	49°2	0°7	52°3	45°0	1°05	24	29°893	30°223	29°642	45°9	2°0	51°8	39°1	1°20	24	
25	29°535	29°733	29°270	44°5	2°8	52°5	35°6	1°40	25	30°447	30°532	30°223	37°2	1°2	44°9	30°0	—	25	
26	29°657	29°729	29°601	36°2	1°7	43°9	32°0	0°25	26	30°553	30°584	30°522	37°1	1°2	41°7	31°9	0°10	26	
27	29°757	30°045	29°596	32°7	2°5	35°7	29°8	—	27	30°426	30°527	30°257	37°3	2°4	41°1	33°1			

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HOURLY MEANS
OF THE
READINGS OBTAINED FROM THE SELF-RECORDING INSTRUMENTS
AT THE
FOUR OBSERVATORIES UNDER THE METEOROLOGICAL COUNCIL.
1890.

Published by the Authority of the Meteorological Council.



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* The Observations at Stations of the Second Order for 1873–75 will be found in the Quarterly Weather Reports for the respective years.

[Continued on page 3 of cover.]

Official No. 105.

H O U R L Y M E A N S

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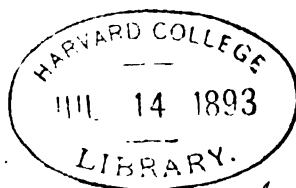
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1893.

Price Twenty Shillings.

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P R E F A C E.

The present is the fourth volume of "Hourly Means" which has been issued by the Meteorological Council, and the series of tables which it contains will be found to be similar to those contained in the previous volumes.

The instruments, from which were obtained the hourly values used in their computation, were the same as before, and there was no change made either in their position or exposure.

ROBERT H. SCOTT,
Secretary.

March 1893.

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INTRODUCTION.

THE elements dealt with in the following tables are—

- a. Barometrical pressure.
- b. Temperature of the air.
- c. Difference between the dry and wet-bulb thermometers.
- d. Direction and velocity of the wind.
- e. Rainfall.

For the first four of these elements hourly means, and for the last element hourly totals, are given for periods of five days, for the calendar months, and for the year; while means of pressure and temperature, and totals of rainfall, are also given for every day of the year.

It will be observed that the tables of pressure and temperature supply for each period hourly mean values for the initial and final midnights.

Assuming, as may be done, that the mean value for any hour is the mean between the values at the commencement and end of that hour, it follows that the true mean of the 24 hourly means will be found by adding half the sum of the initial and the final midnights to the rest of the hourly values, and dividing by 24.

Again, to ascertain the true hourly variations from the true mean of the day, account must be taken of the change of value between the initial and final midnights, which may be termed, so far as the hourly variations are concerned, the non-periodic variation.

It will be apparent that in order to eliminate the effect of these non-periodic fluctuations corrections must be applied to the mean hourly values, as follows :—

Calling the difference between the means of the initial and final midnight, that is of 0 hours and 24 hours, d , the correction for the several hours will be—

MIDT.	A.M.		NOON.		P.M.		MIDT.
for 0 hrs.	1,	2,	- 12,	-	- 22,	23,	24.
	$\frac{1}{2}d$,	$\frac{1}{4}d$,	- 0	-	- $\frac{1}{4}d$,	$\frac{1}{4}d$,	$\frac{1}{2}d$.

the correction being added to the A.M. and subtracted from the P.M. means if the initial (0 hours) mean value is less than the final (24 hours) mean, but subtracted from the A.M. and added to the P.M. means if the initial mean value is greater than the final mean.

The instruments used for obtaining the records are described in the Reports of the Meteorological Office for the years 1867 and 1869; while particulars as to their exposure and as to the physical features of the district surrounding the Observatories will be found in the Quarterly Weather Report for 1870, and in a note in the volume of Hourly Readings for 1885. A description of the methods adopted to secure correct measurements from the photographic or other traces, which, although varied in some details, are still unaltered as regards their general principle, will also be found in the Reports of the Meteorological Office for 1868 and 1869.

Before the means were calculated from the measurements all breaks in the hourly readings were supplied by interpolations, in making which any data in the Office available

for the purpose have been used. Such breaks are rare, but occur at times from failure of the photography or from stoppage of the clock, but the temperature of the wet bulb is that most frequently lost, owing to frost. Such losses can, however, usually be made good with a very near approach to accuracy.

The tables are 12 in number for each Observatory, as follows :—

TABLE I.—Gives for five-day periods the mean pressure for each hour of the day, and also for the whole 24 hours. This, and some of the succeeding tables, is in two parts, the means for the first six months (36 five-day groups) forming the first part, and those for the second six months (37 five-day groups) the second part. The extra day in leap year is always reckoned in the twelfth of the five-day groups, which in those years gives the mean of six days instead of five. No correction has been applied to the barometer readings for height above mean sea-level, but they have been reduced to 32° Fahrenheit.

TABLE II.—Gives the mean temperature of the air for each hour of the day and for the whole 24 hours for 73 groups of five days.

TABLE III.—Gives for the five-day periods the hourly and daily mean difference between the dry and wet-bulb thermometers. Opinion being unsettled as to the best method of computing the tension of vapour or humidity from these observations, the mean difference of the two thermometers alone has been given.

TABLE IV.—Gives the mean hourly and daily wind components for the same five day periods. The observed directions and magnitudes are resolved into two components, for those in the direction of the meridian North being regarded as positive and of South as negative ; and for those in the direction perpendicular to the meridian, East being positive and West negative. The means are obtained from the algebraic sum of the several components for the periods in question.

TABLE V.—Deals with the frequency and amount of rainfall for the five-day and other periods as before. The first column under each hour shows the number of times at which rain fell in the 60 minutes immediately preceding that hour, while the second column gives the aggregate quantity of rain measured at the hour. The final two columns give the number of *days* on which rain to the amount of at least a hundredth of an inch fell, and the total fall for each period of five days. It sometimes happens, generally with falls of snow, but occasionally, although only rarely, through stoppage of the clock, that the trace fails, and it then becomes impossible to allocate the rainfall accurately to the proper hours. In such cases no note has been put to the figures in the hourly columns, but the amounts of rain measured at such times have been added to the hourly amounts given, and therefore the correct quantity is shown in the daily totals.

TABLE VI.—Gives the hourly and daily means of pressure for each calendar month and for the whole year.

TABLE VII.—Gives the hourly and daily means of temperature and also the means of the daily maxima and minima for each calendar month and for the whole year.

TABLE VIII.—Gives the hourly and daily mean difference between the dry and wet bulb thermometers for each calendar month and for the whole year.

TABLE IX.—Gives the mean hourly and daily wind components for each calendar month and for the year.

TABLE X.—Exhibits the hourly frequency and total amount of rainfall for each month and for the year; and also the number of days on which at least 0·01 inch of rain fell, and the total amount of rain measured, in each month and during the whole year.

TABLE XI.—Shows the number of times the wind blew from each of the eight octants, reckoned on either side of the points North, North-east, &c., together with the number of calms for each hour of the day; the mean velocity being shown in the second column for every hour, while the average velocity at each hour, irrespective of direction, is given at the foot of the column. The three final columns give similar information for the month, and the maximum velocity during the month from each octant. In preparing this Table, and also Table IV., an observation has been reckoned as a calm when the motion of the wind was less than five miles in the hour.

TABLE XII.—Gives the mean pressure, mean air temperature, and mean difference between the dry and wet bulb thermometers for every day in the year; together with the daily extremes of pressure and temperature, the daily fall of rain, and the maximum hourly fall of rain in each month of the year.

VALENCIA OBSERVATORY.

E 73603. 300.—10/92. Wt. 12565.

A

HOURLY and DAILY MEANS of PRESSURE for FIVE-DAY PERIODS.

AT. 51° 55' N. LONG. 10° 18' W.

Barometer Cistern, 23 feet above Mean Sea Level.

The readings are corrected for temperature, but are not reduced to Mean Sea Level.

Five-day Periods.	Midt.		A.M.					Noon.					P.M.					Midt.		Daily Means (Five Days).	Five-day Periods.					
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.			19.	20.	21.	22.	23.
1890.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.
Jan.	29 669	29 660	29 657	29 655	29 652	29 641	29 647	29 650	29 649	29 658	29 662	29 659	29 645	29 630	29 616	29 602	29 602	29 603	29 598	29 585	29 569	29 566	29 570	29 573	29 581	29 598
6-10	29 887	29 881	29 877	29 881	29 865	29 846	29 839	29 833	29 819	29 812	29 818	29 832	29 854	29 896	29 871	29 884	29 906	29 921	29 917	29 950	29 963	29 963	29 963	29 965	29 964	29 987
11-15	29 010	29 001	29 000	29 000	29 002	29 007	29 009	29 009	29 001	29 001	29 010	29 010	29 010	29 010	29 010	29 010	29 010	29 010	29 010	29 010	29 010	29 010	29 010	29 010	29 010	29 010
16-20	29 439	29 448	29 459	29 471	29 485	29 496	29 496	29 495	29 489	29 480	29 471	29 462	29 436	29 405	29 377	29 359	29 350	29 341	29 332	29 319	29 313	29 304	29 304	29 304	29 304	29 304
21-25	29 110	29 113	29 116	29 114	29 134	29 164	29 182	29 203	29 218	29 229	29 243	29 243	29 232	29 235	29 226	29 208	29 218	29 215	29 204	29 188	29 179	29 169	29 159	29 157	29 156	29 180
26-30	29 997	29 999	29 004	29 015	29 024	29 033	29 041	29 041	29 047	29 043	29 053	29 062	29 070	29 068	29 070	29 066	29 082	29 088	29 114	29 116	29 124	29 128	29 121	29 132	29 148	29 068
Feb.	30 323	30 317	30 312	30 305	30 302	30 307	30 303	30 300	30 296	30 300	30 303	30 304	30 300	30 289	30 278	29 268	29 267	29 269	29 276	29 277	29 280	29 276	29 283	29 283	29 286	30 291
6-9	30 282	30 279	30 278	30 272	30 267	30 263	30 263	30 261	30 267	30 273	30 280	30 276	30 277	30 264	30 253	30 247	30 246	30 246	30 255	30 260	30 261	30 260	30 261	30 268	30 268	30 264
10-14	29 793	29 782	29 778	29 777	29 768	29 767	29 771	29 773	29 780	29 781	29 786	29 788	29 788	29 769	29 761	29 753	29 751	29 752	29 754	29 757	29 758	29 756	29 751	29 748	29 748	29 767
15-19	29 662	29 659	29 651	29 646	29 634	29 630	29 626	29 623	29 623	29 623	29 619	29 612	29 610	29 605	29 608	29 610	29 620	29 626	29 636	29 640	29 657	29 668	29 666	29 663	29 662	29 637
20-24	30 271	30 268	30 271	30 270	30 267	30 266	30 272	30 278	30 287	30 297	30 307	30 319	30 327	30 334	30 335	30 332	30 338	30 345	30 338	30 327	30 318	30 308	30 303	30 303	30 308	30 324
25-1	30 497	30 484	30 476	30 467	30 456	30 450	30 448	30 442	30 440	30 443	30 445	30 440	30 439	30 429	30 418	30 408	30 402	30 400	30 409	30 416	30 423	30 423	30 426	30 421	30 422	30 437
March	30 305	30 304	30 301	30 297	30 298	30 303	30 300	30 300	30 321	30 327	30 330	30 329	30 333	30 320	30 306	30 292	29 287	29 286	30 286	30 294	30 293	30 293	30 295	30 292	30 291	30 304
7-11	29 974	29 969	29 966	29 965	29 959	29 960	29 973	29 977	29 984	29 988	29 998	30 000	29 998	29 985	29 969	29 953	29 936	29 928	29 987	29 996	29 999	29 999	30 001	30 012	30 021	29 987
12-16	29 666	29 661	29 658	29 664	29 650	29 640	29 685	29 684	29 691	29 693	29 692	29 687	29 680	29 663	29 650	29 636	29 623	29 616	29 610	29 609	29 609	29 609	29 609	29 609	29 609	29 556
17-21	29 468	29 472	29 475	29 465	29 466	29 475	29 490	29 493	29 506	29 517	29 526	29 531	29 541	29 543	29 541	29 543	29 541	29 543	29 545	29 564	29 574	29 575	29 580	29 579	29 575	29 536
22-26	29 479	29 461	29 448	29 431	29 424	29 431	29 432	29 441	29 452	29 462	29 485	29 498	29 509	29 511	29 500	29 517	29 513	29 507	29 502	29 491	29 487	29 483	29 481	29 473	29 467	29 476
27-31	29 952	29 949	29 950	29 953	29 954	29 963	29 974	29 985	29 999	30 011	30 014	30 022	30 020	30 019	30 016	30 010	30 012	30 009	30 014	30 021	30 031	30 036	30 044	30 046	30 051	30 062
April	30 154	30 148	30 143	30 138	30 129	30 125	30 122	30 130	30 136	30 136	30 138	30 136	30 126	30 123	30 114	30 100	30 091	30 089	30 091	30 091	30 096	30 099	30 101	30 097	30 092	30 118
6-10	29 958	29 944	29 930	29 918	29 915	29 914	29 915	29 923	29 935	29 941	29 950	29 956	29 960	29 968	29 966	29 972	29 975	29 980	29 989	29 992	30 001	30 003	29 998	29 994	29 990	29 960
11-15	29 636	29 624	29 612	29 601	29 593	29 585	29 586	29 585	29 579	29 571	29 561	29 554	29 551	29 541	29 526	29 514	29 499	29 493	29 490	29 480	29 495	29 494	29 488	29 487	29 479	29 546
16-20	29 631	29 621	29 613	29 602	29 590	29 580	29 620	29 654	29 662	29 668	29 675	29 677	29 680	29 681	29 684	29 693	29 695	29 702	29 717	29 724	29 733	29 729	29 724	29 724	29 725	29 670
21-25	29 746	29 740	29 752	29 758	29 774	29 783	29 800	29 814	29 820	29 826	29 845	29 850	29 851	29 842	29 835	29 819	29 809	29 788	29 776	29 759	29 743	29 729	29 735	29 738	29 738	29 708
26-30	29 841	29 832	29 826	29 820	29 818	29 818	29 824	29 832	29 838	29 840	29 842	29 848	29 847	29 844	29 845	29 841	29 840	29 840	29 840	29 850	29 858	29 865	29 865	29 861	29 858	29 843
May	30 672	30 658	30 641	30 627	30 612	30 599	30 589	29 582	29 570	29 578	29 592	29 601	29 608	29 612	29 615	29 617	29 618	29 620	29 622	29 627	29 630	29 632	29 627	29 620	29 612	29 616
6-10	29 534	29 522	29 515	29 507	29 501	29 501	29 503	29 502	29 505	29 506	29 505	29 503	29 504	29 506	29 499	29 502	29 503	29 505	29 506	29 509	29 518	29 523	29 523	29 523	29 518	29 510
11-15	29 648	29 646	29 646	29 645	29 645	29 647	29 651	29 659	29 667	29 666	29 663	29 662	29 660	29 663	29 668	29 662	29 670	29 671	29 687	29 697	29 708	29 710	29 720	29 719	29 717	29 672
16-20	29 532	29 523	29 513	29 503	29 495	29 491	29 490	29 488	29 492	29 488	29 484	29 482	29 481	29 477	29 473	29 469	29 468	29 477	29 482	29 491	29 501	29 508	29 514	29 511	29 506	29 494
21-25	29 800	29 785	29 776	29 760	29 750	29 761	29 764	29 766	29 768	29 768	29 766	29 777	29 782	29 781	29 785	29 785	29 787	29 788	29 790	29 790	29 792	29 792	29 792	29 792	29 792	29 800
26-30	29 067	29 067	29 066	29 058	29 058	29 063	29 069	29 076	29 079	29 080	29 094	29 101	29 109	29 112	29 114	29 115	29 115	29 115	29 115	29 122	29 127	29 132	29 132	29 131	29 136	29 099
June	30 982	30 976	30 966	29 954	29 942	29 936	29 934	29 931	29 920	29 912	29 903	29 893	29 885	29 886	29 882	29 886	29 881	29 881	29 881	29 882	29 886	29 890	29 893	29 893	29 893	29 910
6-9	29 941	29 938	29 932	29 934	29 946	29 953	29 966	29 976	29 985	29 997	30 009	30 002	30 010	30 005	30 001	29 996	29 988	29 985	29 985	29 985	29 987	29 988	29 990	29 992	29 992	29 985
10-14	29 845	29 847	29 851	29 846	29 844	29 849	29 858	29 866	29 882	29 890	29 893	29 903	29 914	29 921	29 926	29 927	29 932	29 937	29 946	29 957	29 965	29 975	29 994	30 000	30 010	29 911
15-19	30 188	30 181	30 174	30 168	30 165	30 159	30 159	30 157	30 156	30 156	30 149	30 144	30 134	30 131	30 122	30 121	30 118	30 117	30 118	30 117	30 116	30 119	30 119	30 124	30 120	30 140
20-24	30 167	30 160	30 161	30 157	30 158	30 161	30 160	30 160	30 160	30 160	30 171	30 172	30 173	30 170	30 168	30 165	30 163	30 156	30 157	30 155	30 159	30 156	30 155	30 161	30 156	30 162
25-29	29 946	29 939	29 934	29 929	29 924	29 920	29 924	29 933	29 942	29 944	29 945	29 944	29 918	29 910	29 903	29 894	29 885	29 872	29 869	29 866	29 866	29 866	29 856	29 845	29 830	29 900

TABLE I.—HOURLY and DAILY MEANS of PRESSURE for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.	A.M.												Noon.	P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.		13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.				
1880. July 30-4	ins.	29 746	29 718	29 708	29 707	29 700	29 713	29 715	29 712	29 711	29 719	29 726	29 720	29 734	29 737	29 744	29 752	29 756	29 763	29 773	29 785	29 796	29 808	29 814	ins.	ins.	1880. July 30-4		
" 5-9	ins.	29 814	29 808	29 799	29 797	29 798	29 803	29 804	29 811	29 811	29 800	29 799	29 799	29 800	29 804	29 807	29 806	29 806	29 809	29 815	29 819	29 825	29 834	29 836	29 837	ins.	" 5-9		
" 10-14	ins.	29 905	29 899	29 889	29 880	29 877	29 879	29 875	29 874	29 875	29 875	29 872	29 866	29 864	29 863	29 862	29 858	29 847	29 840	29 838	29 834	29 835	29 835	29 861	29 866	ins.	" 10-14		
" 15-19	ins.	29 975	29 969	29 962	29 953	29 955	29 964	29 973	29 982	29 989	29 998	29 003	29 011	29 021	29 029	29 032	29 037	29 041	29 048	29 057	29 064	29 079	29 086	29 092	29 093	ins.	" 15-19		
" 20-24	ins.	29 330	29 316	29 310	29 307	29 305	29 304	29 305	29 312	29 317	29 319	29 321	29 326	29 333	29 335	29 337	29 339	29 340	29 347	29 352	29 357	29 363	29 366	29 377	29 387	ins.	" 20-24		
" 25-29	ins.	29 042	29 031	29 022	29 010	29 007	29 007	29 006	29 008	29 008	29 007	29 009	29 009	29 005	29 002	29 002	29 002	29 002	29 002	29 002	29 002	29 002	29 002	29 002	29 002	ins.	" 25-29		
Aug. 30-3	ins.	29 024	29 019	29 012	29 007	29 005	29 012	29 013	29 020	29 021	29 020	29 026	29 031	29 034	29 040	29 044	29 046	29 053	29 059	29 069	29 077	29 087	29 097	29 100	29 095	ins.	Aug. 30-3		
" 4-8	ins.	29 141	29 136	29 132	29 114	29 109	29 110	29 108	29 113	29 109	29 108	29 105	29 101	29 101	29 096	29 094	29 089	29 088	29 085	29 088	29 093	29 101	29 101	29 098	29 095	ins.	" 4-8		
" 9-13	ins.	29 086	29 080	29 081	29 083	29 084	29 088	29 089	29 084	29 082	29 087	29 085	29 089	29 088	29 087	29 085	29 084	29 084	29 084	29 084	29 084	29 084	29 084	29 084	29 084	ins.	" 9-13		
" 14-18	ins.	29 087	29 086	29 086	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	ins.	" 14-18		
" 19-23	ins.	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	ins.	" 19-23		
" 24-28	ins.	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	29 087	ins.	" 24-28		
Sept. 29-2	ins.	29 169	29 163	29 155	29 150	29 148	29 151	29 154	29 160	29 158	29 159	29 153	29 154	29 150	29 153	29 153	29 146	29 144	29 147	29 153	29 163	29 173	29 177	29 176	29 179	ins.	Sept. 29-2		
" 3-7	ins.	29 306	29 303	29 298	29 294	29 288	29 291	29 299	29 304	29 306	29 317	29 318	29 322	29 319	29 323	29 316	29 314	29 310	29 313	29 309	29 324	29 327	29 329	29 326	29 311	ins.	" 3-7		
" 8-12	ins.	29 384	29 384	29 384	29 384	29 381	29 384	29 384	29 384	29 384	29 384	29 384	29 384	29 384	29 384	29 384	29 384	29 384	29 384	29 384	29 384	29 384	29 384	29 384	29 384	ins.	" 8-12		
" 13-17	ins.	29 458	29 458	29 458	29 458	29 458	29 458	29 458	29 458	29 458	29 458	29 458	29 458	29 458	29 458	29 458	29 458	29 458	29 458	29 458	29 458	29 458	29 458	29 458	29 458	ins.	" 13-17		
" 18-22	ins.	29 415	29 408	29 414	29 413	29 412	29 410	29 424	29 433	29 442	29 450	29 444	29 440	29 443	29 439	29 435	29 432	29 418	29 425	29 433	29 442	29 442	29 443	29 441	29 444	ins.	" 18-22		
" 23-27	ins.	29 333	29 334	29 337	29 339	29 341	29 344	29 352	29 358	29 370	29 379	29 382	29 389	29 393	29 392	29 391	29 393	29 389	29 397	29 390	29 382	29 373	29 377	29 376	29 380	ins.	" 23-27		
Oct. 28-2	ins.	29 040	29 037	29 031	29 028	29 026	29 023	29 026	29 030	29 038	29 049	29 057	29 068	29 073	29 074	29 071	29 072	29 071	29 068	29 065	29 063	29 067	29 063	29 061	29 056	ins.	Oct. 28-2		
" 3-7	ins.	29 107	29 095	29 086	29 072	29 063	29 061	29 059	29 057	29 068	29 072	29 077	29 082	29 083	29 079	29 071	29 072	29 071	29 068	29 065	29 063	29 067	29 063	29 061	29 056	ins.	" 3-7		
" 8-12	ins.	29 209	29 200	29 190	29 176	29 165	29 163	29 161	29 164	29 172	29 183	29 190	29 196	29 200	29 201	29 199	29 196	29 193	29 190	29 187	29 183	29 179	29 176	29 173	29 168	ins.	" 8-12		
" 13-17	ins.	29 087	29 077	29 065	29 051	29 052	29 051	29 055	29 058	29 067	29 072	29 080	29 084	29 087	29 090	29 087	29 079	29 076	29 073	29 066	29 061	29 058	29 057	29 056	29 051	ins.	" 13-17		
" 18-22	ins.	29 343	29 343	29 347	29 346	29 350	29 352	29 360	29 362	29 375	29 386	29 395	29 401	29 403	29 402	29 401	29 400	29 396	29 393	29 386	29 375	29 368	29 361	29 354	29 348	ins.	" 18-22		
" 23-27	ins.	29 172	29 161	29 146	29 138	29 116	29 104	29 096	29 094	29 095	29 092	29 107	29 110	29 112	29 105	29 108	29 103	29 100	29 114	29 119	29 121	29 121	29 120	29 102	29 115	ins.	" 23-27		
Nov. 28-1	ins.	29 010	29 007	29 001	29 005	29 000	29 001	29 008	29 012	29 020	29 029	29 044	29 054	29 060	29 061	29 060	29 058	29 055	29 054	29 051	29 049	29 047	29 047	29 044	29 041	ins.	Nov. 28-1		
" 2-6	ins.	29 486	29 485	29 486	29 486	29 486	29 486	29 486	29 486	29 486	29 486	29 486	29 486	29 486	29 486	29 486	29 486	29 486	29 486	29 486	29 486	29 486	29 486	29 486	29 486	ins.	" 2-6		
" 7-11	ins.	29 505	29 505	29 505	29 505	29 505	29 505	29 505	29 505	29 505	29 505	29 505	29 505	29 505	29 505	29 505	29 505	29 505	29 505	29 505	29 505	29 505	29 505	29 505	29 505	ins.	" 7-11		
" 12-16	ins.	29 849	29 839	29 837	29 809	29 792	29 786	29 774	29 773	29 779	29 783	29 791	29 814	29 830	29 843	29 858	29 877	29 893	29 916	29 930	29 949	29 951	29 953	29 956	29 852	ins.	" 12-16		
" 17-21	ins.	29 268	29 260	29 242	29 238	29 235	29 231	29 219	29 218	29 223	29 228	29 235	29 240	29 247	29 267	29 285	29 291	29 272	29 279	29 287	29 289	29 286	29 291	29 291	29 292	ins.	" 17-21		
" 22-26	ins.	29 002	29 001	29 003	29 005	29 006	29 015	29 026	29 034	29 041	29 049	29 053	29 060	29 066	29 070	29 073	29 076	29 076	29 076	29 076	29 076	29 076	29 076	29 076	29 076	ins.	" 22-26		
Dec. 27-1	ins.	29 152	29 145	29 136	29 130	29 118	29 107	29 102	29 102	29 100	29 100	29 095	29 087	29 075	29 063	29 055	29 057	29 060	29 066	29 066	29 067	29 067	29 066	29 063	29 060	ins.	Dec. 27-1		
" 2-6	ins.	29 838	29 827	29 825	29 821	29 817	29 814	29 817	29 818	29 820	29 830	29 845	29 838	29 834	29 839	29 845	29 833	29 838	29 844	29 846	29 866	29 870	29 870	29 872	29 838	ins.	" 2-6		
" 7-11	ins.	29 919	29 913	29 911	29 919	29 920	29 919	29 919	29 923	29 929	29 935	29 936	29 936	29 933	29 941	29 944	29 911	29 911	29 917	29 915	29 918	29 919	29 919	29 922	29 922	ins.	" 7-11		
" 12-16	ins.	29 861	29 854	29 854	29 857	29 859	29 863	29 864	29 864	29 863	29 872	29 878	29 868	29 864	29 869	29 880	29 848	29 854	29 856	29 859	29 866	29 866	29 861	29 848	29 837	ins.	" 12-16		
" 17-21	ins.	29 699	29 700	29 718	29 718	29 716	29 715	29 720	29 723	29 725	29 733	29 743	29 760	29 766	29 784	29 797	29 780	29 780	29 780	29 780	29 780	29 780	29 780	29 780	29 780	ins.	" 17-21		
" 22-26	ins.	29 163	29 163	29 163	29 163	29 163	29 163	29 163	29 163	29 163	29 163	29 163	29 163	29 163	29 163	29 163	29 163	29 163	29 163	29 163	29 163	29 163	29 163	29 163	29 163	ins.	" 22-26		
" 27-31	ins.	29 207	29 192	29 172	29 157	29 150	29 145	29 146	29 155	29 160	29 167	29 168	29 158	29 144	29 134	29 132	29 130	29 129	29 122	29 120	29 123	29 117	29 109	29 104	29 090	ins.	" 27-31		

TABLE II.

HOURLY and DAILY MEANS of TEMPERATURE for FIVE-DAY PERIODS.

VALENCIA OBSERVATORY - - - - - LAT. 51° 55' N. LONG. 10° 18' W.

Dry-bulb Thermometer, 12 feet above Ground.

Five-day Periods.	A.M.											Noon.	P.M.											Midt.	Daily Means (Five Days).	Five-day Periods.	
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.		11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.				22.
1890.																											
Jan. 1-5	44.8	44.7	44.2	43.9	43.7	43.3	43.3	43.9	44.2	44.9	45.9	45.6	45.4	46.2	46.1	45.2	45.6	45.7	46.4	46.6	46.9	46.0	46.7	46.8	45.2	Jan. 1-5	
" 6-10	49.0	49.2	48.5	48.1	48.6	48.7	48.5	48.1	48.7	48.4	49.3	49.4	50.1	50.3	50.5	50.0	49.8	49.6	49.8	49.8	49.3	49.5	49.6	49.6	49.2	" 6-10	
" 11-15	49.6	49.0	48.6	48.5	49.0	49.0	49.0	48.4	48.4	48.8	50.2	50.7	50.7	51.0	50.7	50.5	50.8	50.5	49.8	49.2	49.7	49.5	49.7	49.7	49.6	" 11-15	
" 16-20	45.3	45.3	45.6	45.1	44.8	44.9	44.6	44.6	44.8	44.4	45.5	45.2	46.4	46.7	46.1	46.8	46.8	45.4	45.8	45.4	44.4	43.5	43.1	43.7	45.2	" 16-20	
" 21-25	44.3	44.3	43.6	43.8	44.0	43.0	43.6	44.6	44.3	44.6	45.6	46.1	45.2	45.5	46.1	45.5	44.5	44.1	44.8	44.4	43.8	43.6	43.1	44.0	44.3	" 21-25	
" 26-30	41.8	42.0	42.3	42.7	43.0	42.2	41.6	41.7	41.5	41.4	42.2	43.7	45.1	45.8	46.6	46.8	46.7	45.7	44.9	44.5	44.3	44.6	44.4	43.9	43.1	43.7	" 26-30
Feb. 31-4	44.9	45.1	44.8	45.1	45.1	44.8	44.9	45.0	45.1	45.8	46.5	46.9	47.3	47.6	47.7	47.3	46.5	45.9	45.1	44.1	44.4	44.8	43.9	43.6	43.9	45.4	Feb. 31-4
" 5-9	39.2	38.3	38.0	38.5	38.1	37.3	37.5	37.9	37.7	37.6	39.2	41.7	42.8	44.1	44.2	44.5	44.2	42.9	41.0	40.4	39.9	39.4	39.5	39.3	40.1	40.1	" 5-9
" 10-14	41.9	42.9	42.9	43.7	42.9	42.5	42.4	42.8	43.0	43.4	43.9	44.4	45.2	45.8	45.3	44.7	44.5	44.0	43.0	42.9	42.1	41.8	41.5	41.1	41.9	43.2	" 10-14
" 15-19	42.4	42.5	42.4	43.1	42.7	42.7	43.3	43.1	43.3	43.6	45.3	46.4	47.1	47.2	46.7	46.7	45.6	45.8	45.2	44.6	44.6	44.7	44.4	44.4	44.2	44.5	" 15-19
" 20-24	46.3	46.5	46.6	46.0	45.8	45.2	44.7	44.2	44.3	45.3	46.2	47.5	48.7	49.8	49.9	49.8	49.6	48.9	47.8	46.8	45.5	45.8	46.1	45.7	46.8	46.8	" 20-24
" 25-1	39.6	40.9	40.8	41.0	40.6	39.8	39.5	39.7	40.1	40.9	41.8	43.1	43.2	43.9	44.2	44.8	44.9	43.6	42.1	40.8	40.0	39.6	38.7	38.0	38.1	41.2	" 25-1
March 2-6	39.4	39.5	39.6	39.5	39.3	39.0	38.5	39.3	38.3	39.7	41.6	43.8	44.2	44.7	44.9	45.0	45.0	44.6	44.0	43.5	42.9	42.6	42.0	41.4	41.7	41.7	March 2-6
" 7-11	47.9	47.5	47.2	47.9	47.4	47.7	46.6	47.1	46.9	47.8	48.8	48.3	48.9	50.1	49.9	49.6	49.4	49.0	48.7	48.7	49.0	48.9	48.8	48.7	48.9	48.4	" 7-11
" 12-16	45.9	45.8	45.7	46.2	45.4	45.2	45.6	45.7	45.9	45.8	46.6	47.5	47.7	47.6	48.1	48.1	47.5	47.2	46.1	45.4	44.4	43.9	43.8	43.5	42.6	45.9	" 12-16
" 17-21	38.7	38.9	37.8	38.0	37.8	37.2	37.4	38.2	40.0	40.7	41.9	42.5	43.2	44.0	44.9	44.7	45.1	43.9	42.8	41.9	40.7	40.4	39.8	39.6	40.7	40.7	" 17-21
" 22-26	45.0	44.8	45.5	45.5	45.5	45.4	46.2	47.3	48.6	49.0	50.0	50.3	51.0	50.5	50.0	49.3	49.5	47.7	47.1	47.9	48.5	47.7	47.3	46.9	47.7	47.7	" 22-26
" 27-31	46.7	47.1	46.2	45.5	44.9	44.5	44.2	44.3	45.4	48.3	49.3	51.1	51.9	52.8	53.1	52.9	52.5	52.1	51.7	49.5	47.8	46.9	46.2	45.9	45.8	48.3	" 27-31
April 1-5	44.1	44.0	43.5	43.2	42.5	42.8	42.0	42.7	44.3	46.8	48.3	50.4	51.3	52.2	52.3	53.3	52.8	51.6	50.5	48.6	46.6	45.7	45.1	44.3	44.1	46.9	April 1-5
" 6-10	46.3	46.8	46.8	47.1	46.8	47.1	47.0	46.9	47.3	47.4	48.2	48.6	49.4	49.8	50.3	50.6	50.2	49.1	48.8	47.6	46.9	46.8	46.5	46.1	46.1	47.8	" 6-10
" 11-15	44.8	45.0	44.9	45.2	44.9	44.3	43.6	44.7	45.4	46.3	47.2	49.3	50.3	50.7	51.4	51.4	50.6	50.3	49.3	48.1	46.1	45.8	46.1	45.5	47.1	47.1	" 11-15
" 16-20	47.8	47.6	47.4	47.6	46.9	46.6	46.1	47.0	47.3	48.9	50.8	51.8	52.3	52.8	53.4	53.1	52.1	51.0	50.0	49.4	48.3	48.2	48.1	48.2	49.2	49.2	" 16-20
" 21-25	48.9	48.7	48.4	48.6	48.3	47.9	48.6	49.4	50.1	50.8	50.6	50.9	51.2	50.8	51.1	50.6	50.5	49.2	49.2	49.0	49.0	48.2	48.0	48.0	49.5	49.5	" 21-25
" 26-30	47.0	47.4	47.3	47.3	47.5	47.2	47.5	47.5	48.4	49.3	50.0	50.4	51.8	52.6	52.3	51.7	51.5	50.5	50.5	49.8	48.5	47.1	46.7	46.6	46.4	48.9	" 26-30
May 1-5	46.4	46.1	45.8	45.9	45.5	45.3	45.9	46.8	48.2	50.0	51.1	52.5	52.7	53.8	53.4	54.0	53.5	53.7	53.5	51.0	49.5	48.9	48.4	47.9	49.5	49.5	May 1-5
" 6-10	49.3	49.8	49.4	49.0	48.8	48.7	48.5	49.4	50.9	52.6	53.8	54.8	54.3	56.0	56.5	54.2	54.6	54.9	54.8	53.9	52.2	50.9	49.9	49.7	49.4	51.8	" 6-10
" 11-15	48.7	48.4	48.1	47.7	47.5	46.9	47.7	49.0	49.3	50.2	50.6	50.7	51.0	51.7	50.9	52.7	52.7	50.6	51.3	50.5	49.4	48.7	48.3	47.9	47.6	49.5	" 11-15
" 16-20	47.0	46.2	46.4	46.2	46.8	46.2	46.6	47.9	49.6	49.9	50.8	52.0	51.5	53.7	53.8	54.0	53.8	54.2	54.2	53.8	51.2	49.3	48.5	47.9	47.9	49.9	" 16-20
" 21-25	56.4	56.4	56.2	56.3	56.6	56.5	56.2	57.1	57.3	58.7	59.5	59.7	60.2	61.7	61.2	61.9	62.6	62.9	61.1	59.9	58.8	58.0	57.5	57.4	57.2	58.7	" 21-25
" 26-30	51.6	51.4	50.9	50.8	50.7	50.8	51.4	52.5	53.6	54.8	55.0	56.5	56.2	56.4	57.0	57.3	56.9	56.6	56.0	55.2	53.9	53.5	53.1	51.3	50.8	53.7	" 26-30
June 31-4	51.9	51.8	51.7	51.7	51.9	51.9	52.7	53.3	53.2	53.9	53.9	54.4	55.0	55.4	55.9	56.4	56.2	56.0	55.1	54.5	53.8	53.4	53.1	52.9	52.7	53.7	June 31-4
" 5-9	53.9	53.9	53.7	53.2	52.7	52.6	52.7	53.3	54.1	55.1	56.1	57.3	57.7	58.4	58.5	58.4	57.9	57.5	56.1	55.7	54.5	54.1	53.9	54.0	54.0	55.2	" 5-9
" 10-14	53.3	53.3	53.3	53.5	53.4	53.4	53.6	54.1	54.8	55.9	56.9	56.9	57.4	58.6	58.6	59.0	58.1	56.9	57.4	56.2	55.2	54.2	53.9	53.9	53.7	55.5	" 10-14
" 15-19	55.2	55.2	55.1	55.1	54.7	54.7	55.3	56.0	56.3	56.6	56.7	57.8	58.8	58.9	59.8	60.5	60.5	59.0	58.1	57.1	56.2	55.7	55.3	55.2	54.9	56.8	" 15-19
" 20-24	54.6	53.9	53.8	53.7	53.1	53.5	54.0	54.4	55.1	56.2	56.8	57.7	58.1	58.9	59.1	58.9	58.6	57.3	57.1	56.7	56.2	55.7	55.6	55.6	55.2	56.0	" 20-24
" 25-30	53.6	53.6	53.5	53.5	53.4	53.4	53.5	54.5	54.2	55.1	56.0	56.2	56.4	57.7	58.1	59.0	58.3	58.6	57.0	56.5	55.5	54.0	53.4	53.9	53.0	55.1	" 25-30

TABLE II.—HOURLY and DAILY MEANS OF TEMPERATURE FOR FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.	A.M.												Noon.	P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.
		0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.			
1890. July 30-4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	1890. July 30-4
" 5-9	53.7	53.9	54.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	" 5-9
" 10-14	53.4	52.7	52.9	53.1	51.9	51.9	51.7	52.4	53.9	55.2	56.2	56.2	57.9	58.0	59.0	59.1	59.2	58.6	58.7	58.2	56.7	56.3	54.7	54.5	54.2	54.1	55.5	55.5	" 10-14
" 15-19	54.1	53.8	53.3	53.2	52.9	53.1	53.1	54.1	55.3	56.3	57.8	58.4	58.8	59.4	59.8	59.4	59.8	59.5	59.4	59.2	59.5	58.4	56.1	55.4	55.1	54.6	56.7	56.7	" 15-19
" 20-24	57.1	56.8	56.6	56.6	56.5	56.7	56.7	57.4	57.4	57.9	58.2	58.8	59.9	60.0	60.4	60.2	60.3	59.5	59.7	58.8	58.5	57.8	57.5	57.2	57.0	56.9	58.1	58.1	" 20-24
" 25-29	56.1	56.5	56.2	56.6	56.7	57.1	57.3	57.3	57.4	57.9	58.8	59.3	59.7	59.7	60.1	60.4	61.1	60.4	60.1	59.7	58.8	57.8	57.2	56.9	56.7	56.5	58.2	58.2	" 25-29
Aug. 30-3	56.3	56.5	56.6	56.9	56.5	57.0	56.9	56.9	58.0	58.7	59.7	59.8	60.7	61.1	61.4	61.8	62.5	62.5	62.3	62.0	61.0	59.5	58.0	57.5	57.1	56.6	59.1	59.1	Aug. 30-3
" 4-8	57.6	57.2	57.0	57.5	58.0	58.7	57.7	57.6	58.7	59.9	61.7	62.7	63.6	64.8	66.4	66.6	66.3	66.6	65.8	64.8	63.6	61.0	59.2	58.6	58.4	58.5	61.2	61.2	" 4-8
" 9-13	59.4	59.4	58.8	58.6	58.5	58.0	58.2	58.2	59.0	59.2	59.9	60.2	61.7	61.9	62.4	62.5	62.6	61.8	61.0	59.4	59.1	58.2	58.1	58.0	58.1	58.1	58.1	58.1	" 9-13
" 14-18	54.4	53.6	52.7	52.9	52.4	52.3	52.3	52.1	52.4	52.1	52.6	52.3	52.9	52.9	53.5	60.1	59.3	59.8	59.9	59.2	57.8	55.5	54.4	54.4	54.8	54.2	56.1	56.1	" 14-18
" 19-23	55.6	55.0	54.8	55.0	54.8	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	" 19-23
" 24-28	52.9	52.9	52.4	52.4	52.2	52.2	52.2	51.4	52.0	52.9	54.1	55.6	55.5	56.3	57.4	58.4	57.8	57.1	57.1	56.5	55.4	53.7	53.4	53.3	53.3	52.6	54.3	54.3	" 24-28
Sept. 29-3	52.7	52.2	51.6	51.7	51.3	51.0	50.3	50.3	51.3	52.9	54.5	55.9	57.5	57.9	59.3	59.1	59.4	58.9	59.1	58.2	57.1	55.5	55.4	55.4	54.6	54.1	55.1	55.1	Sept. 29-3
" 3-7	58.4	58.4	58.2	58.3	58.2	58.3	58.0	58.0	58.0	58.5	59.8	59.8	60.8	61.2	61.6	62.0	62.0	62.3	62.6	62.1	60.7	59.5	59.1	59.0	58.9	58.4	59.8	59.8	" 3-7
" 8-12	56.8	56.7	56.6	56.5	55.9	55.7	55.3	55.3	55.9	56.9	58.7	59.2	60.8	61.4	62.5	62.2	62.0	61.8	61.3	59.9	58.7	57.5	57.3	57.2	57.1	56.7	58.4	58.4	" 8-12
" 13-17	57.6	57.6	57.4	57.8	58.0	58.0	57.9	57.9	58.2	58.5	59.5	60.0	60.9	61.4	61.6	61.7	61.8	61.1	60.9	59.7	58.7	57.8	57.3	56.8	56.6	56.3	58.9	58.9	" 13-17
" 18-22	54.6	54.3	53.7	53.1	53.5	53.4	53.2	53.2	53.5	54.5	55.5	57.0	58.1	58.4	58.4	58.6	58.3	58.2	57.6	56.8	56.2	55.7	55.1	54.7	54.9	54.9	55.7	55.7	" 18-22
" 23-27	55.8	55.5	55.4	55.2	55.4	55.6	55.6	55.6	55.8	56.4	57.3	57.8	58.7	59.4	59.9	59.0	59.0	59.3	58.2	57.9	57.3	57.1	56.9	56.6	56.5	56.3	57.1	57.1	" 23-27
Oct. 28-2	53.9	53.5	52.8	52.8	52.5	52.6	52.8	52.8	53.3	54.1	55.3	56.0	56.8	57.1	57.4	57.3	57.4	57.1	56.9	56.1	55.9	55.5	55.2	54.7	54.3	53.6	55.0	55.0	Oct. 28-2
" 3-7	56.7	57.0	57.1	57.1	56.9	56.7	56.7	56.7	57.1	57.5	57.7	58.1	58.8	59.5	60.0	59.7	59.7	59.7	58.9	58.2	57.6	57.7	57.6	57.7	57.2	56.8	57.9	57.9	" 3-7
" 8-12	54.8	54.5	54.5	54.2	54.4	54.2	54.6	54.6	55.1	55.5	56.7	57.8	59.0	59.3	59.5	59.9	59.8	58.9	58.0	56.9	56.4	56.1	55.7	55.2	55.1	55.0	56.4	56.4	" 8-12
" 13-17	53.6	53.9	54.1	54.6	53.6	53.3	53.3	53.5	53.8	54.2	54.7	55.2	55.7	55.3	55.6	55.3	55.1	55.1	54.5	54.0	54.2	54.3	54.3	54.2	54.1	53.5	54.4	54.4	" 13-17
" 18-22	55.0	54.8	54.5	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.9	55.9	56.7	57.3	57.5	57.4	56.5	56.2	55.6	54.5	54.0	53.5	53.8	53.6	53.4	53.1	54.9	54.9	" 18-22
" 23-27	48.2	48.9	49.1	48.8	48.8	48.2	48.2	48.2	49.4	50.2	51.1	51.0	50.2	50.8	51.0	51.2	51.2	51.2	50.4	50.2	50.1	49.9	49.7	49.0	48.5	48.5	49.9	49.9	" 23-27
Nov. 28-1	51.7	51.6	51.5	51.7	51.7	51.7	51.7	51.5	52.0	52.0	52.4	52.6	53.3	53.3	54.1	54.2	54.1	53.3	53.5	53.5	53.9	54.0	53.9	54.2	53.9	53.5	54.9	54.9	Nov. 28-1
" 2-6	50.1	49.6	48.7	48.0	48.8	49.6	49.5	49.5	48.5	48.5	50.2	51.0	51.4	51.8	52.0	52.2	51.4	50.1	49.1	48.8	48.1	48.0	48.5	48.5	48.2	49.8	49.8	49.8	" 2-6
" 7-11	46.2	46.8	46.3	46.9	46.5	45.8	45.8	45.8	45.3	44.6	45.5	46.3	46.7	47.0	47.1	46.6	47.1	46.0	46.3	46.5	46.5	46.6	46.5	46.5	46.5	46.3	46.3	46.3	" 7-11
" 12-16	48.0	48.0	47.4	47.7	47.4	47.1	47.1	48.0	48.6	48.7	49.6	51.0	51.7	51.5	51.7	52.0	51.7	50.5	49.1	47.8	48.2	48.2	47.7	48.2	48.6	49.1	49.1	49.1	" 12-16
" 17-21	52.7	52.7	52.7	52.6	52.2	52.2	52.2	51.7	51.8	51.5	51.4	51.8	52.3	52.3	52.9	52.9	53.2	52.6	52.3	52.3	52.3	52.3	52.4	52.7	52.6	52.4	52.4	52.4	" 17-21
" 22-26	46.5	47.1	46.8	47.0	46.7	46.1	46.2	46.2	45.5	44.5	45.5	46.4	47.1	47.2	47.3	47.2	46.7	46.2	46.2	45.6	45.7	45.4	44.9	44.4	44.0	43.1	45.9	45.9	" 22-26
Dec. 27-1	38.1	37.8	38.1	38.3	38.0	38.0	38.0	38.0	38.3	39.1	39.3	40.4	41.4	42.4	43.4	43.7	43.5	42.9	42.0	42.0	41.9	42.2	42.6	42.2	42.6	42.0	40.7	40.7	Dec. 27-1
" 2-6	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	" 2-6
" 7-11	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	" 7-11
" 12-16	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	" 12-16
" 17-21	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	" 17-21
" 22-26	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	" 22-26
" 27-31	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	" 27-31

TABLE III.

Hourly and Daily Mean Difference between the Dry and Wet-Bulb Thermometers for Five-day Periods.

VALENCIA OBSERVATORY - - - LAT. 51° 55' N. LONG. 10° 18' W.

Five-day Periods.	Midt.	A.M.												Noon.	P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.		13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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TABLE III.—HOURLY and DAILY MEAN DIFFERENCE between the DRY and WET-BULB THERMOMETERS for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.		A.M.												Noon.		P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.				
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.										
1890. July 30-4	1.8	2.5	2.7	3.2	3.0	2.7	2.9	3.4	3.4	3.4	4.1	4.3	4.3	4.3	4.2	4.6	4.7	3.6	4.0	4.1	3.5	3.6	3.4	3.0	2.8	2.4	2.0	1.7	1.2	1.0	1.5	1.9	Ang.	30-4	
" 5-9	1.8	2.0	1.8	1.2	1.3	1.7	1.7	2.2	2.6	2.7	3.0	3.3	3.3	3.7	4.0	4.6	4.7	3.8	4.8	4.3	4.0	3.8	2.6	3.0	2.8	1.8	1.7	1.0	0.8	0.5	0.5	0.5	0.5	Ang.	5-9
" 10-14	1.6	1.4	1.7	1.7	1.2	1.0	1.1	1.3	1.8	2.0	2.3	3.3	3.4	3.7	3.8	4.2	3.5	3.6	3.5	2.5	2.5	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	Ang.	10-14
" 15-19	1.6	1.3	1.3	1.4	1.4	1.5	1.5	1.4	1.8	2.7	3.1	3.6	3.6	3.8	3.8	3.8	3.8	3.9	3.8	3.9	3.4	2.4	2.3	2.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	Ang.	15-19
" 20-24	0.7	0.8	0.7	0.9	0.7	0.7	1.0	0.7	0.6	1.1	1.3	1.7	1.8	2.2	2.1	2.3	2.2	1.9	1.6	1.5	1.1	1.0	0.9	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	Ang.	20-24
" 25-29	1.8	1.9	1.7	1.4	1.4	1.3	1.5	1.2	1.2	1.7	1.9	2.0	2.4	2.6	3.2	3.0	2.5	2.3	2.3	1.8	1.7	1.4	1.3	1.3	1.3	1.5	1.9	2.0	2.1	2.2	2.3	2.4	2.5	Ang.	25-29
Aug. 30-3	1.0	1.2	1.2	1.1	1.0	1.2	1.1	1.4	1.8	2.3	2.8	3.6	3.6	4.2	4.6	4.7	3.2	3.4	3.5	3.0	2.6	1.9	1.9	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	Ang.	30-3
" 4-8	0.9	0.8	0.8	1.0	1.1	1.0	1.0	1.3	1.8	2.8	3.2	3.6	4.2	4.6	4.7	4.7	3.2	4.4	4.2	3.6	2.7	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	Ang.	4-8
" 9-13	3.1	3.0	2.8	2.7	2.5	2.4	2.6	2.7	2.6	3.1	3.1	4.1	4.3	4.7	5.2	5.1	4.8	4.1	3.7	3.4	2.9	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	Ang.	9-13
" 14-18	1.8	1.7	1.4	2.1	1.6	1.9	1.9	2.5	2.6	4.0	4.1	3.8	3.5	3.6	3.9	3.5	4.1	3.8	3.7	3.6	2.4	2.1	1.8	1.7	2.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	Ang.	14-18
" 19-23	2.0	2.0	2.1	2.3	2.0	1.9	2.0	2.3	2.7	3.1	2.8	3.3	3.1	3.5	3.4	4.1	3.7	3.3	3.4	3.2	2.9	2.9	2.4	2.4	1.9	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	Ang.	19-23
" 24-28	2.2	2.7	2.7	2.7	2.5	2.5	2.3	1.9	2.1	2.9	3.3	2.7	3.1	4.2	5.1	5.1	5.0	4.8	4.7	4.4	3.4	2.9	3.3	3.3	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	Ang.	24-28
Sept. 29-2	1.8	1.5	1.5	1.6	1.5	1.1	0.8	0.7	0.9	1.2	2.3	3.0	3.1	3.6	3.8	4.3	4.1	4.0	3.2	2.8	2.2	2.0	1.9	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	Sept.	29-2
" 3-7	0.7	0.8	0.7	0.7	0.5	0.7	0.6	0.5	0.5	1.0	0.9	1.4	1.4	1.5	1.6	1.8	1.7	1.7	1.6	1.3	1.0	1.0	1.2	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	Sept.	3-7
" 8-12	1.2	1.3	1.4	1.3	1.1	1.4	1.1	1.2	1.3	2.0	2.1	3.0	3.3	3.8	3.4	3.2	3.1	2.9	2.1	2.0	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	Sept.	8-12
" 13-17	1.7	1.7	1.7	1.9	1.9	1.7	1.6	1.7	1.7	2.0	2.3	2.6	2.9	2.7	2.8	3.0	2.8	2.7	2.3	1.6	2.0	1.8	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	Sept.	13-17
" 18-22	1.6	1.8	1.6	1.2	1.7	1.5	1.3	1.3	1.4	1.8	2.4	3.6	4.1	3.5	3.7	3.4	3.3	2.8	2.4	2.0	1.8	1.5	1.6	1.3	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	Sept.	18-22
" 23-27	1.1	0.8	0.9	0.9	1.0	1.0	0.9	1.1	1.2	1.6	1.8	2.1	2.3	2.0	1.9	2.4	2.4	2.4	2.3	1.8	1.9	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	Sept.	23-27
Oct. 28-2	1.9	2.2	2.1	2.2	1.8	2.0	2.0	2.0	2.1	2.7	3.0	3.9	3.9	3.8	3.7	3.2	3.2	3.0	2.7	2.5	2.2	2.2	2.1	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	Oct.	28-2
" 3-7	0.9	0.9	0.9	1.0	1.0	0.8	0.9	1.0	1.1	0.7	0.4	0.8	1.1	1.3	1.3	1.3	1.6	1.2	1.0	0.8	1.0	0.9	1.2	1.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	Oct.	3-7
" 8-12	1.6	1.8	1.8	1.6	1.3	1.4	1.6	1.8	1.8	2.2	2.4	3.0	3.6	3.8	4.2	4.0	3.6	3.4	2.9	2.8	2.6	2.1	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	Oct.	8-12
" 13-17	2.6	2.6	2.6	2.6	2.2	2.5	3.0	3.0	3.1	2.8	3.0	3.4	3.1	3.4	3.7	4.2	3.7	3.5	3.3	3.2	3.1	3.3	3.5	3.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	Oct.	13-17	
" 18-22	1.0	1.0	0.9	0.9	1.0	1.0	0.9	1.2	1.1	1.3	1.6	2.4	3.5	3.6	3.5	2.7	2.5	2.0	1.7	1.5	1.2	1.3	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	Oct.	18-22	
" 23-27	1.9	2.3	2.2	2.1	1.7	2.3	2.7	1.8	2.5	2.6	2.8	2.4	2.9	3.1	2.9	2.9	2.8	2.4	2.6	2.8	3.2	2.9	2.8	3.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	Oct.	23-27
Nov. 28-1	1.8	1.7	1.6	1.7	1.9	1.6	1.4	1.7	1.1	1.0	0.9	1.2	1.2	1.5	1.3	1.4	0.8	1.2	1.3	1.5	1.6	1.3	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	Nov.	28-1
" 2-6	2.9	2.7	2.9	2.7	2.3	2.5	2.4	1.8	2.1	2.7	3.0	3.3	3.3	3.4	3.9	3.6	3.9	3.5	3.1	3.3	3.2	3.8	3.5	3.2	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	Nov.	2-6
" 7-11	3.5	3.6	3.8	3.5	3.5	3.2	3.4	3.0	3.2	2.8	3.4	3.8	4.0	3.8	3.1	3.6	2.7	2.6	2.9	2.8	3.1	3.4	3.2	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	Nov.	7-11
" 12-16	2.8	2.9	2.4	2.2	1.7	1.6	1.3	1.4	1.9	1.2	1.2	1.7	1.8	2.4	3.3	3.1	2.8	2.4	2.4	2.5	2.3	2.6	2.3	2.9	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	Nov.	12-16
" 17-21	0.6	0.6	0.7	0.6	0.4	0.3	0.1	0.3	0.4	0.5	0.9	1.2	1.1	1.3	1.6	1.7	1.4	1.5	1.3	1.4	1.0	1.1	1.0	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	Nov.	17-21
" 22-26	1.7	2.3	2.3	2.5	2.7	2.2	1.9	2.6	1.5	2.3	2.3	2.4	2.6	2.7	2.8	2.6	2.0	2.2	1.7	1.8	1.4	1.7	1.9	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	Nov.	22-26
Dec. 27-1	1.7	1.5	1.6	1.5	1.3	1.3	1.3	1.3	1.3	1.2	1.6	1.9	2.0	2.2	2.4	2.0	1.9	1.5	1.6	1.5	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	Dec.	27-1
" 2-6	1.3	1.5	1.4	1.5	1.5	1.6	1.7	1.4	1.4	2.0	2.0	2.1	2.4	2.6	2.4	2.6	2.4	2.2	2.2	2.0	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	Dec.	2-6
" 7-11	1.7	2.0	2.1	2.1	1.9	2.0	2.1	2.0	1.9	2.0	2.0	2.4	2.4	2.6	2.7	2.3	2.3	2.3	1.9	1.7	1.6	1.8	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	Dec.	7-11
" 12-16	1.7	1.6	1.5	1.4	1.3	1.5	1.5	1.6	1.5	2.0	2.0	2.5	2.8	2.9	2.7	2.5	2.2	2.1	2.2	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	Dec.	12-16
" 17-21	1.9	1.7	2.0	2.2	1.9	1.8	1.5	1.4	1.1	1.1	1.0	1.4	1.4	1.8	1.9	1.7	1.4	1.6	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	Dec.	17-21
" 22-26	1.5	1.4	1.5	1.6	1.6	1.7	1.6	1.5	1.0	1.0	1.1	1.6	2.0	1.9	2.5	2.2	2.0	1.7	1.9	1.8	1.5	1.4	1.2	1.4	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	Dec.	22-26
" 27-31	2.7	2.6	3.0	2.4	2.3	2.1	2.1	2.1	2.3	2.4	2.2	2.4	2.7	3.1	3.0	2.8	2.4	2.5	2.5	2.3	2.3	2.3	2.4	2.6	2.6	2.6	2.6	2.6	2.6						

TABLE IV.—MEAN HOURLY and DAILY WIND
VALENCIA OBSERVATORY—

Five-day Periods.	A.M.																						Noon	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1890.																								
Jan. 1-5	-18'2	-1'5	-18'4	-1'4	-19'6	-0'3	-20'6	+0'1	-21'4	-1'4	-19'5	-1'9	-20'1	-1'6	-21'3	-2'3	-21'2	-1'1	-22'7	-0'3	-19'9	+0'7	-17'6	+1'4
" 6-10	-27'2	-2'6	-25'7	+0'6	-21'4	-1'4	-21'3	+3'3	-23'1	+7'9	-24'9	-0'1	-24'9	+4'0	-25'1	+3'2	-28'4	+4'1	-29'8	+2'4	-21'5	-0'8	-21'8	-8'7
" 11-15	-18'2	-8'7	-14'8	-7'7	-12'3	-8'5	-12'6	-5'1	-13'8	-4'6	-18'0	-11'0	-19'5	-10'2	-20'3	-7'9	-20'9	-10'0	-21'8	-11'3	-22'1	-9'9	-24'7	-12'4
" 16-20	-17'1	-21'3	-17'9	-21'0	-16'3	-20'0	-17'3	-17'9	-16'8	-17'0	-20'0	-18'1	-20'7	-14'6	-28'3	-13'5	-28'4	-11'9	-33'3	-11'1	-30'4	-5'6	-32'0	-3'7
" 21-25	-16'5	-16'8	-14'8	-21'8	-9'7	-15'3	-15'5	-18'5	-5'8	-17'9	-10'6	-20'7	-18'5	-18'4	-11'9	-16'6	-13'5	-16'0	-16'7	-16'7	-15'7	-15'5	-18'9	-10'8
" 26-30	+3'8	-3'6	+4'2	-4'3	+1'9	-7'1	+1'3	-7'0	+0'2	-7'4	-0'1	-5'6	-0'8	-3'4	-2'2	-2'3	-4'3	-1'6	-6'8	-2'8	-3'6	-4'7	-8'5	-4'9
Feb. 31-4	-4'8	-9'4	-4'1	-9'0	-4'6	-8'2	-4'0	-6'3	-2'1	-9'0	-3'9	-7'3	-3'0	-4'8	-2'7	-6'2	-3'0	-5'9	-6'6	-7'4	-3'7	-5'7	-6'5	-6'9
" 5-9	+2'6	+7'8	+2'5	+4'2	+2'4	+5'6	+1'2	+3'3	+2'9	+3'7	+5'5	+6'4	+3'3	+6'6	+0'9	+6'5	+1'0	+3'2	+2'7	+5'3	+1'6	+8'5	-0'3	+10'1
" 10-14	-13'2	+9'0	-12'1	+8'9	-5'5	+6'0	-3'2	+7'6	-4'6	+5'8	-2'2	+4'8	-4'8	+7'2	-5'3	+5'5	-4'3	+7'9	-4'3	+5'0	-4'4	+7'6	-4'9	+9'8
" 15-19	-0'5	+7'9	-4'7	+9'8	-2'7	+10'4	-1'9	+12'0	-0'5	+10'5	-0'2	+11'0	-0'6	+10'6	+0'8	+9'4	+1'8	+10'4	-0'3	+9'7	-1'4	+11'6	-1'4	+13'2
" 20-24	-6'4	+8'8	-8'6	+8'2	-9'1	+4'3	-6'4	+9'5	-7'6	+7'4	-7'9	+10'0	-7'0	+8'1	-7'3	+2'8	-8'1	+2'6	-5'4	+5'1	-8'0	+6'0	-7'8	+5'6
" 25-1	+8'0	+5'2	+8'0	+7'1	+8'1	+8'3	+9'1	+10'6	+9'9	+8'2	+6'8	+2'8	+7'3	+2'2	+10'1	+3'6	+10'3	+4'1	+10'2	+7'9	+9'3	+9'1	+12'4	+11'5
March 2-6	+7'1	-0'3	+8'0	+0'7	+6'7	-0'7	+7'8	-0'4	+6'9	-0'1	+7'8	+2'4	+8'8	+2'7	+9'3	+2'5	+9'9	+4'8	+10'8	+1'4	+9'4	+0'6	+9'3	-1'6
" 7-11	-5'1	-19'0	-5'7	-20'2	-3'0	-18'6	-4'4	-17'0	-4'3	-19'1	-3'9	-17'0	-5'2	-15'1	-4'9	-16'8	-8'3	-18'4	-6'0	-21'4	-2'9	-20'9	-9'3	-22'0
" 12-16	-20'5	-4'9	-22'9	-4'3	-22'6	-3'1	-20'9	-6'0	-11'4	-9'2	-13'1	-8'7	-12'5	-8'0	-10'4	-10'0	-10'4	-8'8	-13'0	-7'3	-10'4	-8'6	-13'8	-7'8
" 17-21	-3'1	-0'4	-3'5	+4'1	-4'0	+6'0	-4'1	+4'1	-2'6	-0'5	-2'2	-3'6	+2'6	-0'1	+0'3	-3'8	+1'8	-4'7	+2'6	-6'6	+2'1	-3'6	+3'8	-8'1
" 22-26	-9'5	-5'0	-13'1	-1'5	-9'7	-5'5	-9'6	-8'9	-8'0	-10'1	-10'2	-9'4	-10'6	-8'9	-9'4	-10'7	-5'8	-15'7	-6'3	-16'5	-5'7	-16'5	-8'0	-18'7
" 27-31	-7'7	-4'3	-6'4	-2'6	-1'3	-6'1	+1'7	-4'5	-0'4	-4'3	-1'9	-2'3	-0'5	-2'6	+0'8	-1'2	+0'8	-2'6	-0'8	-0'0	-1'2	+1'7	+1'6	-0'3
April 1-5	-3'2	+4'8	-2'8	+3'3	-2'2	+3'4	-2'5	+4'1	-3'1	+4'9	-0'9	+4'2	+0'3	+0'7	-0'5	+3'2	-6'2	+5'8	-6'8	+5'5	-7'1	+3'1	-11'2	+1'9
" 6-10	+3'0	-8'5	+3'8	-7'5	+5'3	-7'9	+4'3	-6'5	+9'4	-8'1	+7'6	-5'8	+8'4	-6'4	+9'2	-4'3	+11'3	-4'2	+12'4	-5'4	+10'4	-5'7	+11'8	-7'2
" 11-15	+3'5	+7'0	+4'1	+7'4	+3'5	+10'1	+2'6	+8'6	+1'9	+8'5	+2'0	+9'1	+2'2	+8'1	+4'5	+12'5	+3'6	+11'1	+6'2	+13'9	+2'9	+7'1	+2'2	+12'9
" 16-20	-2'1	+7'1	-1'7	+5'4	-3'5	+4'4	-0'4	+6'0	-3'5	+0'0	-2'2	+7'8	-5'8	+7'5	-6'5	+7'3	-6'3	+5'9	-6'4	+9'7	-4'0	+5'1	-5'8	+8'7
" 21-25	-6'4	-4'4	-6'9	-7'0	-5'2	-19'3	-2'2	-13'5	-0'8	-14'6	+1'0	-15'4	-4'2	-16'2	-3'1	-18'7	-3'4	-19'2	-4'1	-21'7	-5'0	-18'2	-4'7	-19'6
" 26-30	+0'6	+1'7	+1'7	-0'3	+1'4	+0'4	+3'1	-0'1	+3'5	+1'0	+2'5	-3'0	+5'6	-0'3	+3'5	+1'5	+4'9	+3'0	+5'1	+3'8	+5'3	+4'1	+0'9	+4'5
May 1-5	-0'8	+6'9	-2'0	+8'0	-1'8	+9'3	+1'5	+7'7	+0'4	+7'8	+1'1	+8'0	-1'1	+7'6	-3'3	+4'8	-2'9	+3'9	-6'0	-2'7	-3'2	-5'0	-3'0	-6'6
" 6-10	+3'8	+1'1	+2'6	+3'9	+4'7	+2'4	+4'2	+5'0	+4'3	+4'4	+5'2	+3'2	+4'9	+4'0	+3'4	+4'4	+6'5	+5'2	+2'2	+6'0	+5'3	+5'5	+1'4	+8'1
" 11-15	-0'6	-9'1	-0'4	-10'2	-0'3	-11'3	-1'5	-9'5	-1'4	-7'2	-3'3	-9'4	-6'6	-11'1	-8'8	-9'7	-10'1	-8'4	-11'3	-9'9	-9'3	-6'0	-12'2	-9'8
" 16-20	-2'2	+6'2	-3'2	+5'3	-3'9	+6'6	-3'8	+7'6	-4'9	+5'7	-5'9	+6'6	-8'2	+8'1	-10'6	+8'7	-8'8	+8'8	-8'0	+9'4	-6'6	+10'2	-8'7	+8'6
" 21-25	-9'3	+15'4	-7'5	+16'1	-6'4	+16'7	-6'7	+20'1	-8'4	+18'3	-8'6	+17'4	-6'0	+18'9	-7'9	+18'0	-10'7	+21'2	-14'5	+21'3	-15'3	+19'1	-8'7	+12'8
" 26-30	-0'4	-2'0	+0'6	-4'1	+1'4	-2'8	+2'5	-2'7	+3'3	-2'4	+2'9	-1'6	+3'6	-2'4	+4'7	-1'2	+3'5	-0'1	+3'1	-1'2	+2'9	+2'0	+4'4	-0'3
June 31-4	-5'7	-4'6	-7'6	-2'2	-7'1	-0'8	-6'7	+1'3	-7'8	+1'5	-9'8	-2'1	-10'9	-1'7	-9'3	-0'5	-12'0	+0'3	-12'9	+0'6	-16'5	-1'6	-18'4	-2'4
" 5-9	-11'7	-2'3	-11'9	-4'1	-6'2	-3'6	-6'9	-5'0	-8'5	-3'9	-8'0	-2'9	-8'6	-1'1	-7'6	-1'0	-8'7	-1'5	-8'7	-2'7	-11'6	-1'5	-13'3	-1'1
" 10-14	-6'1	-8'3	-4'6	-8'4	-4'7	-6'8	-4'2	-5'6	-5'7	-6'3	-6'1	-8'4	-4'0	-6'3	-3'2	-5'0	-2'7	-4'8	-4'4	-6'5	-4'8	-5'0	-2'9	-9'9
" 15-19	-7'0	-3'2	-7'7	-3'4	-7'5	-5'3	-8'8	-4'8	-9'1	-3'5	-8'6	-4'9	-7'0	-10'4	-9'7	-8'6	-13'1	-6'9	-17'2	-3'5	-14'0	-0'2	-18'1	-7'7
" 20-24	-1'8	-9'8	-2'4	-10'0	-2'2	-9'4	-0'2	-9'5	-1'8	-7'6	-2'9	-6'9	-4'3	-7'1	-5'1	-8'7	-8'3	-8'8	-10'0	-10'9	-9'7	-9'7	-8'8	-9'6
" 25-29	-0'4	-9'6	+1'9	-8'7	+2'0	-8'0	+2'2	-7'7	+1'3	-6'8	+1'7	-8'2	+2'0	-10'5	+0'8	-10'8	+1'4	-11'6	-1'7	-11'9	-1'7	-12'5	-0'4	-11'6

COMPONENTS for FIVE-DAY PERIODS.

LAT. 51° 55' N. LONG. 10° 18' W.

P.M.																						Midl.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		N.	E.
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.		
-19°6	-1°2	-18°9	+0°1	-21°5	+0°8	-21°9	+3°1	-20°3	+2°9	-20°0	+4°7	-25°5	+4°4	-25°9	-0°2	-24°7	-1°0	-21°3	+0°7	-24°1	-1°4	-23°9	-3°1	-21°2	0°0
-15°1	-9°7	-21°4	-17°4	-20°5	-12°7	-19°9	-8°6	-20°0	-9°0	-20°8	-7°8	-20°5	-6°5	-21°8	-6°5	-19°2	-4°7	-21°0	-7°8	-21°2	-6°1	-24°3	-6°4	-22°5	-4°1
-26°2	-12°3	-26°8	-12°8	-30°7	-9°9	-20°7	-10°3	-33°3	-11°8	-30°3	-14°8	-25°7	-14°9	-23°7	-9°0	-26°5	-8°1	-24°9	-9°7	-26°8	-6°8	-26°5	-7°3	-22°9	-9°8
-33°5	-11°3	-32°0	-6°4	-33°4	-13°2	-24°6	-15°4	-23°5	-10°4	-25°0	-11°3	-24°7	-12°9	-25°8	-12°9	-19°9	-28°9	-13°2	-27°3	-8°2	-26°5	-12°5	-23°8	-23°2	-15°7
-21°0	-12°0	-15°0	-14°0	-20°3	-17°1	-15°8	-13°2	-14°2	-10°2	-12°4	-16°5	-12°2	-8°1	-17°9	-9°0	-7°9	-10°1	-9°3	-11°1	-13°8	-10°5	-18°2	-17°7	-14°1	-14°4
-8°6	-7°9	-9°7	-10°4	-9°5	-10°6	-8°2	-8°8	-8°6	-6°2	-2°1	-7°0	-2°3	-5°3	-0°5	-3°9	-0°7	-4°5	-2°5	-2°9	-1°7	-0°1	+2°0	+0°1	-2°8	-5°0
-7°2	-6°0	-6°9	-8°2	-6°8	-9°5	+1°1	-9°7	+1°6	-4°7	-0°1	-5°3	-2°7	-2°1	-2°3	-4°9	-1°9	-3°1	-2°5	-7°0	-3°3	-4°8	-3°5	-4°8	-3°5	-6°5
0°0	+11°4	-1°1	+14°5	+1°3	+13°7	+1°8	+13°2	+2°4	+13°6	+2°4	+7°9	+2°6	+7°5	+0°5	+11°6	+1°4	+8°0	+1°1	+9°6	+2°6	+9°6	+0°9	+8°4	+1°8	+8°3
-5°9	+9°3	-5°3	+11°1	-3°9	+10°1	-4°6	+9°7	-4°0	+10°5	-4°1	+11°0	-3°4	+10°3	-3°6	+8°6	-4°2	+7°8	-4°0	+11°7	-8°2	+12°0	-10°3	+7°7	-5°4	+8°5
-6°2	+11°9	-11°9	+2°1	-9°9	+5°4	-7°5	+12°0	-9°0	+10°4	-5°8	+11°5	-6°1	+12°5	-7°7	+12°8	-7°4	+13°8	-5°2	+14°4	-8°2	+15°8	-7°3	+12°0	-4°3	+10°9
-7°3	+6°3	-6°0	+5°3	-3°5	+2°2	-3°2	+3°0	-1°4	+1°4	+0°6	+4°1	-1°1	+4°7	+3°4	+2°6	+0°6	+2°0	-1°7	+5°8	-2°6	+8°2	+0°7	+7°3	-4°6	+5°5
+13°3	+8°6	+11°3	+8°4	+12°5	+7°0	+12°0	+8°0	+11°3	+7°7	+8°1	+8°7	+3°0	+6°6	+2°7	+4°6	+2°9	+4°6	+2°6	+4°0	+3°8	+3°8	+2°4	+5°0	+8°1	+6°6
+7°2	+4°1	+7°5	-4°6	+6°2	-6°5	+6°2	-7°0	+7°2	-6°1	+6°9	-7°3	+7°9	-6°3	+5°7	-8°6	+8°3	-7°2	+9°2	-5°6	+8°1	-6°4	+9°1	-4°9	+8°0	-2°6
-7°1	-23°5	-10°0	-24°6	-7°8	-23°8	-9°2	-24°6	-9°0	-23°7	-9°9	-21°1	-8°9	-21°1	-9°4	-20°1	-7°4	-18°4	-9°5	-17°3	-9°9	-17°8	-8°3	-17°9	-7°1	-20°1
-12°2	-9°5	-9°4	-7°1	-12°1	-8°5	-13°0	-7°0	-12°6	-5°4	-12°2	-3°9	-11°0	-1°1	-13°1	-0°9	-13°9	-0°1	-14°2	-1°9	-14°3	-0°1	-14°1	+0°0	-13°9	-5°5
+3°3	-7°3	+3°7	-5°9	+5°5	-5°2	+5°6	-4°2	+6°1	-4°9	+5°2	-5°5	+4°0	-4°4	+4°5	-1°6	+4°4	-0°5	+2°3	+3°3	-1°0	+3°2	-1°1	+4°6	+1°5	-1°9
-10°5	-16°9	-8°7	-18°7	-13°2	-16°8	-14°7	-14°1	-16°7	-12°9	-16°0	-4°9	-17°9	-1°6	-20°1	-5°5	-17°8	-7°8	-14°9	-6°8	-13°2	-4°1	-15°4	-6°2	-11°9	-10°1
+0°8	0°0	-3°0	-0°9	-3°5	-1°5	-5°0	-1°4	-4°4	+0°5	-3°3	+0°5	-3°8	+0°9	-2°8	+3°8	-2°2	+3°0	-5°3	+1°4	-7°2	+2°1	-6°4	+4°5	-2°6	-0°7
-11°2	+1°5	-8°8	+0°3	-11°5	+0°7	-10°6	-1°5	-7°3	-1°2	-7°5	+0°3	-6°3	+0°7	-2°9	+3°4	-2°7	+2°0	-1°2	+3°0	-1°6	+2°7	-1°1	+3°7	-5°0	+2°4
+10°1	-9°4	+15°8	-9°7	+15°4	-9°5	+13°4	-9°3	+12°8	-9°6	+11°9	-9°3	+10°9	-8°5	+8°9	-8°9	+8°6	-9°4	+8°6	-9°9	+5°4	-8°9	+5°2	-9°5	+9°3	-7°9
+1°5	+14°5	+2°7	+11°2	+0°5	+10°5	+2°4	+12°3	+4°1	+12°5	+4°9	+9°8	+5°6	+11°3	+4°8	+8°2	+4°4	+8°1	+4°4	+9°3	+1°5	+10°5	-1°0	+9°9	+3°1	+10°2
-3°9	+10°8	-5°2	+10°5	-5°8	+0°2	-6°8	+0°1	-5°6	+3°9	-6°1	+9°2	-4°6	+5°8	-4°4	+5°0	-5°6	+5°9	-3°3	+7°5	-6°8	+6°8	-9°9	+7°9	-4°9	+6°6
-6°8	-20°8	-4°4	-18°6	-3°9	-12°9	-3°1	-8°9	-4°7	-6°2	-5°3	-5°0	-4°4	-4°5	-5°5	-7°8	-6°1	-6°9	-3°1	-14°7	-1°9	-12°0	+4°3	-9°9	-3°7	-12°7
-1°6	+1°9	+0°2	+1°4	+0°9	+0°1	+0°4	-0°2	+1°4	-2°8	+1°1	-0°7	+0°5	+1°1	+2°6	+2°5	+2°3	+2°9	+1°6	+1°9	+0°5	+4°2	-2°4	+5°1	+1°9	+1°5
-1°3	-3°5	-3°9	-4°8	-4°0	-3°9	-5°1	-2°1	-4°3	+0°9	-5°4	-0°5	-5°2	-2°7	-4°1	+0°6	-3°1	+1°0	-5°3	+2°3	-1°6	+2°8	+2°2	+4°8	-2°6	+1°9
+3°5	+6°1	+5°5	+1°4	+6°3	-1°4	+1°3	-1°3	+1°2	+1°1	+2°8	+0°5	+0°2	-0°2	+2°3	+1°8	+2°8	+0°3	+3°1	+2°0	+2°8	0°0	+7°3	-1°3	+3°7	+2°6
-15°4	-8°8	-4°1	-18°9	-8°5	-15°0	-4°8	-17°0	-3°9	-16°7	-1°9	-13°9	-0°4	-13°0	-6°1	-10°8	-4°7	-8°7	-5°5	-7°7	-3°9	-8°1	-2°2	-10°9	-5°5	-10°9
-6°2	+9°3	-7°0	+10°0	-7°7	+8°9	-9°6	+5°6	-8°8	-1°9	-9°9	+0°8	-9°7	+2°0	-8°4	+1°7	-5°9	+2°1	-2°6	+5°0	-5°0	+4°6	-6°0	+4°7	-6°7	+6°0
-13°2	+12°6	-15°6	+10°8	-15°2	+11°8	-13°4	+18°7	-13°7	+19°3	-12°3	+10°3	-8°7	+14°3	-7°8	+15°7	-7°4	+15°7	-6°7	+14°4	-6°4	+14°0	-6°1	+14°7	-9°9	+16°2
+5°1	-1°7	+5°4	-1°9	+4°7	-1°2	+4°3	-1°1	+4°7	-1°8	+4°5	-1°1	+4°3	+0°7	+1°6	-0°6	+5°4	-2°0	+2°6	0°0	+0°8	-1°0	+1°8	+0°7	+3°2	-1°2
-18°2	-3°7	-19°2	-5°3	-16°9	-8°2	-15°4	-9°1	-13°8	-9°8	-12°1	-9°2	-11°9	-8°2	-11°2	-7°0	-10°1	-5°8	-11°5	-4°8	-7°6	-4°3	-9°4	-3°8	-11°7	-5°8
-18°3	+0°7	-19°2	-2°0	-20°3	-2°3	-18°0	+1°0	-17°6	+4°6	-19°3	+1°4	-15°9	+5°5	-15°5	+7°8	-15°5	+6°3	-16°4	+6°6	-15°0	+4°9	-17°0	+0°3	-13°3	+0°2
-2°5	-10°4	-6°5	-10°3	-3°7	-13°0	-0°9	-10°2	-0°3	-9°4	-2°6	-8°2	0°0	-8°6	+0°6	-6°4	+2°9	-8°4	+4°5	-6°9	+0°3	-5°6	-0°1	-5°0	-2°6	-7°7
-13°7	-15°5	-13°5	-9°9	-12°8	-11°4	-11°4	-13°7	-10°3	-12°2	-8°5	-10°5	-9°3	-10°0	-9°5	-8°9	-9°1	-9°0	-7°7	-10°2	-9°7	-10°6	-6°5	-8°8	-10°4	-8°0
-10°2	-13°2	-12°5	-13°6	-9°8	-12°9	-9°8	-12°0	-7°2	-10°6	-8°7	-10°1	-7°2	-11°7	-5°3	-10°4	-7°0	-9°5	-6°4	-9°1	-5°9	-10°7	-5°6	-12°7	-6°4	-10°2
-1°9	-9°7	-4°2	-10°9	-3°5	-12°5	-6°1	-9°7	-3°3	-9°0	+6°0	-12°5	+1°5	-10°9	+2°8	-10°6	+3°1	-9°9	+1°5	-8°9	-1°1	-9°6	+0°8	-8°9	0°0	-10°0

TABLE IV.—MEAN HOURLY and DAILY WIND

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1890.																								
July 30-4	+ 6.8	-10.4	+ 6.4	- 9.5	+ 7.0	- 9.9	+ 7.0	- 9.9	+ 7.0	- 8.8	+ 6.8	- 8.1	+ 7.0	- 9.4	+ 5.3	- 9.6	+ 6.1	-10.6	+10.0	-11.4	+ 6.3	-10.2	+ 7.5	-12.5
" 5-9	+ 2.5	- 1.8	+ 2.4	- 2.4	+ 3.8	- 1.1	+ 3.1	+ 1.6	+ 3.6	+ 3.0	+ 4.1	+ 0.8	+ 3.6	- 2.2	+ 3.3	- 1.9	+ 3.1	+ 0.7	+ 3.8	- 0.1	+ 3.1	- 0.6	+ 1.7	- 1.5
" 10-14	- 1.1	- 5.5	- 4.9	- 7.3	- 6.3	- 6.7	- 8.8	- 5.2	- 8.0	- 7.1	- 7.4	- 5.9	- 7.4	- 2.2	- 7.4	- 6.0	- 7.8	- 7.4	- 7.6	- 8.8	- 5.8	- 8.6	- 6.6	- 8.4
" 15-19	- 0.3	- 5.1	- 0.1	- 4.2	- 1.4	- 5.0	+ 0.4	- 6.5	+ 1.2	- 6.4	+ 1.5	- 6.5	+ 1.6	- 6.1	+ 1.4	- 7.0	+ 2.1	- 6.5	+ 5.7	- 6.3	+ 6.9	- 6.6	+ 9.1	- 7.2
" 20-24	+ 8.9	- 8.5	+ 7.8	- 9.4	+ 7.9	- 8.5	+ 6.8	- 7.4	+ 5.7	- 7.9	+ 7.3	- 8.9	+ 6.4	- 8.6	+ 6.9	- 8.9	+ 9.5	- 8.7	+ 9.5	-10.8	+ 8.7	-10.4	+ 7.2	-12.2
" 25-29	- 9.3	- 9.4	-12.0	- 6.8	-12.7	- 8.5	-13.5	- 5.6	-14.2	-10.5	-10.3	-10.7	-11.0	-11.3	-10.0	-11.0	-10.0	-11.2	-13.8	-13.2	-10.9	-11.4	-11.1	-12.3
Aug. 30-3	- 5.1	- 6.7	- 4.1	- 7.5	- 4.1	- 7.5	- 3.4	- 7.5	- 2.8	- 7.4	- 4.6	- 8.6	- 4.6	- 8.2	- 6.7	- 9.2	- 9.0	- 8.4	-10.6	- 9.7	- 9.8	- 8.7	-10.8	-11.0
" 4-8	- 6.8	- 2.5	- 3.2	- 1.0	- 4.4	- 2.3	- 6.3	- 2.1	- 6.2	- 1.3	- 5.9	- 0.2	- 7.3	- 2.0	-10.5	- 0.1	-10.1	+ 2.9	-12.5	+ 3.3	-12.3	+ 1.9	-14.1	0.0
" 9-13	+ 6.4	+ 1.7	+ 7.7	+ 0.9	+ 5.9	+ 0.6	+ 8.6	+ 0.1	+ 5.6	+ 1.5	+ 7.9	+ 1.6	+ 7.8	+ 0.7	+ 7.4	+ 1.1	+ 9.2	+ 2.9	+ 8.9	+ 1.1	+ 8.9	+ 1.6	+ 8.7	- 0.8
" 14-18	+ 0.1	- 9.6	+ 0.9	- 8.7	+ 2.2	- 9.0	+ 2.3	- 7.2	+ 1.2	- 9.5	+ 0.9	- 7.8	+ 1.7	- 7.5	- 0.1	- 9.1	- 2.7	-11.4	- 5.5	-13.4	- 6.0	-11.8	- 5.6	-12.9
" 19-23	+ 4.7	- 4.4	+ 3.1	- 6.5	+ 3.7	- 9.3	+ 2.7	- 7.1	+ 2.9	- 8.3	+ 3.5	- 8.5	+ 1.6	- 9.0	+ 0.1	-10.2	+ 1.9	-10.8	+ 3.6	-12.1	+ 0.7	-10.4	+ 1.2	-12.0
" 24-28	+ 3.4	-10.8	+ 4.2	- 8.9	+ 3.7	- 8.3	+ 4.7	- 8.9	+ 1.5	- 7.2	- 1.3	- 7.4	+ 1.7	- 5.8	+ 2.3	- 4.0	+ 2.8	- 6.4	+ 1.3	- 8.2	+ 2.8	-11.0	+ 9.2	-10.5
Sept. 29-2	- 1.8	- 1.8	- 4.7	- 3.0	- 4.4	- 2.5	- 5.5	- 2.5	- 5.9	- 3.1	- 6.1	- 3.1	- 6.7	- 2.7	- 9.2	- 4.6	- 9.8	- 5.4	- 8.0	- 3.8	- 4.7	- 2.4	- 7.6	- 6.1
" 3-7	- 7.4	- 6.7	- 5.0	- 6.3	- 5.9	- 4.3	- 6.2	- 4.8	- 7.6	- 5.7	- 7.2	- 6.1	- 5.8	- 2.5	- 7.8	- 3.0	- 8.3	- 2.8	-10.8	- 3.1	- 9.7	- 1.0	-12.4	- 2.9
" 8-12	- 0.6	+ 2.7	+ 0.8	+ 1.7	- 0.2	+ 0.5	+ 1.4	+ 0.4	+ 2.0	- 1.0	+ 0.7	+ 0.4	- 1.2	+ 0.9	- 1.8	+ 0.5	- 0.7	+ 0.5	- 1.0	+ 1.6	- 3.0	+ 2.1	- 5.6	- 0.5
" 13-17	-18.2	+ 8.9	-16.6	+ 9.5	-19.0	+11.4	-19.6	+14.8	-22.2	+14.5	-21.9	+15.1	-22.1	+13.1	-22.5	+12.5	-22.0	+12.7	-24.0	+13.9	-20.2	+11.7	-24.2	+10.3
" 18-22	+ 1.0	+ 2.9	+ 1.3	+ 1.6	+ 1.3	+ 3.7	+ 1.3	+ 2.2	+ 2.2	+ 0.9	0.0	+ 1.0	+ 0.5	+ 3.5	+ 1.4	+ 4.4	+ 0.7	+ 7.5	- 1.0	+ 9.0	+ 1.0	+ 7.8	+ 2.5	+ 8.0
" 23-27	- 8.6	-10.2	- 6.5	- 9.2	- 7.5	- 8.5	- 4.7	- 9.4	- 5.0	- 8.1	- 2.9	- 6.9	- 3.4	- 6.6	- 3.4	- 7.5	- 4.8	- 9.4	- 9.5	-12.0	- 7.5	-10.8	-11.0	-11.0
Oct. 28-2	- 8.0	- 9.1	- 6.7	-11.8	- 6.9	- 9.1	- 6.4	- 9.2	- 3.6	- 9.9	- 4.2	-10.7	- 3.7	- 8.8	- 6.9	- 9.1	- 6.5	-11.8	- 9.5	-12.3	-10.1	-13.7	-12.5	-14.8
" 3-7	-19.2	- 4.4	-17.1	-11.4	-16.6	- 8.7	-15.5	-12.1	-15.1	-10.7	-13.3	-11.0	-15.0	- 9.2	-13.1	- 9.7	-11.6	-10.4	-14.4	-12.8	-11.6	-10.6	-12.6	- 9.1
" 8-12	- 7.9	+ 3.1	- 9.3	+ 4.6	-11.1	+ 3.2	- 8.5	+ 2.8	- 8.0	+ 2.1	- 8.4	+ 0.8	- 8.9	+ 0.5	- 9.5	0.0	-11.4	+ 2.8	-13.0	+ 5.1	-12.8	+ 4.4	-12.6	+ 1.7
" 13-17	- 8.4	-11.8	- 6.5	-13.3	- 5.1	-13.2	- 1.3	-11.2	- 0.8	- 9.7	+ 2.0	-11.1	+ 2.3	- 9.5	+ 0.3	-12.7	+ 0.7	-12.7	+ 0.5	-16.7	+ 1.5	-13.1	+ 2.7	-16.4
" 18-22	+ 3.7	- 1.9	+ 3.2	- 1.6	+ 4.3	- 1.7	+ 6.8	- 1.2	+ 5.5	- 1.4	+ 4.7	- 1.5	+ 6.8	- 1.3	+ 6.1	- 1.4	+ 2.4	- 0.5	+ 3.7	- 0.7	+ 4.9	- 1.0	+ 8.0	- 2.0
" 23-27	+ 4.8	- 7.0	+ 6.0	- 8.0	+ 5.0	- 6.7	+ 2.7	- 2.9	+ 3.6	-10.1	+ 6.5	-12.3	+ 4.9	-13.0	+ 4.5	-11.3	+11.4	- 9.8	+11.2	- 6.3	+ 8.5	- 5.8	+ 5.6	- 6.2
Nov. 28-1	+ 6.9	-11.2	+ 7.8	-10.9	+ 4.8	- 7.8	+ 6.9	- 8.9	+ 6.3	- 9.3	+ 2.9	- 8.7	+ 2.8	- 8.3	- 0.3	-10.3	- 0.5	-13.0	- 1.9	-13.0	- 0.9	-10.9	+ 2.4	-12.8
" 2-6	+ 0.9	-10.6	+ 1.7	-10.0	+ 0.3	-11.5	+ 0.6	- 6.6	- 2.1	- 5.6	+ 0.1	- 7.0	- 0.7	- 6.7	+ 3.1	-14.2	+ 6.4	-17.4	+ 7.8	-13.7	+ 5.8	-14.0	+ 4.1	-18.2
" 7-11	+ 5.7	-18.7	+ 3.9	-20.1	+ 6.4	-17.6	+ 1.9	-16.7	+ 5.3	-16.0	+ 5.6	-12.7	+ 3.1	-16.3	+10.7	-12.8	+ 6.2	-12.3	+ 7.5	-13.1	+ 3.5	- 8.0	+ 4.4	- 6.5
" 12-16	- 8.0	- 0.7	- 8.1	+ 3.0	-12.1	+ 3.2	-14.0	+ 7.0	-15.8	+ 6.0	-19.8	+ 1.1	-22.6	0.0	-24.2	+ 2.5	-26.7	+ 0.1	-28.1	- 4.0	-18.8	- 4.3	-12.4	- 6.2
" 17-21	-20.7	- 5.6	-20.1	- 4.2	-19.1	- 1.8	-19.6	- 5.1	-20.0	- 2.9	-12.9	- 1.1	-15.9	+ 2.0	-14.1	- 2.4	-14.2	0.0	-15.7	- 2.9	-14.4	- 2.1	-10.4	- 4.2
" 22-26	+ 7.1	-11.9	+ 8.2	-11.7	+ 9.1	-12.1	+11.2	-12.8	+10.5	-11.1	+12.3	-11.6	+11.6	-10.6	+ 7.1	- 8.6	+ 8.0	-10.9	+ 6.1	-11.7	+ 3.8	-12.0	+ 5.8	-13.2
Dec. 27-1	- 9.4	- 3.8	-11.5	- 4.2	-10.0	- 3.6	-11.0	- 2.9	-11.0	- 1.2	-13.2	- 2.4	-13.0	- 2.2	-12.6	+ 0.8	-10.7	- 2.7	-12.4	- 1.4	-10.0	- 1.2	-14.6	- 0.3
" 2-6	+ 6.1	+ 6.0	+ 6.2	+ 7.6	+ 9.2	+ 7.2	+ 8.5	+ 6.8	+12.3	+ 7.4	+10.3	+ 9.3	+ 6.7	+ 6.7	+10.6	+ 6.7	+ 7.2	+10.0	+12.6	+ 9.5	+ 9.6	+ 8.3	+12.5	+ 9.3
" 7-11	- 6.8	+11.9	- 8.1	+10.0	- 2.3	+ 6.5	- 0.4	+ 8.4	- 0.4	+ 9.8	- 2.7	+11.9	- 1.8	+11.4	- 1.1	+ 9.8	+ 0.9	+12.5	- 3.5	+14.1	- 3.9	+15.0	- 0.9	+16.8
" 12-16	- 2.7	+ 9.3	- 3.6	+ 8.5	- 6.0	+11.1	- 3.3	+10.0	- 2.9	+10.1	- 3.7	+ 9.4	- 3.9	+10.3	- 3.7	+10.2	- 3.2	+ 5.3	- 1.7	+10.6	- 2.6	+ 9.7	- 4.1	+ 9.6
" 17-21	- 0.4	+ 4.9	- 2.9	+ 2.6	- 4.0	+ 4.1	- 7.2	+ 3.3	- 6.2	+ 3.9	- 8.0	+ 4.1	- 7.3	+ 3.5	- 8.6	+ 7.1	- 9.2	+ 5.8	- 8.5	+ 6.4	- 6.5	+ 6.6	-10.0	+ 7.6
" 22-26	- 5.9	+ 1.4	- 5.8	+ 3.7	- 6.0	+ 2.2	- 6.0	+ 3.1	- 7.0	+ 3.0	- 7.2	+ 1.7	- 7.4	+ 0.8	- 6.3	+ 2.6	- 4.4	+ 2.6	- 3.5	+ 4.1	+ 0.1	+ 5.3	- 0.6	+ 6.2
" 27-31	+ 6.3	+ 9.1	+ 7.7	+ 9.6	+ 6.3	+10.8	+ 4.6	+ 1.4	+ 8.5	+10.3	+ 8.6	+11.2	+ 8.8	+14.7	0.0	+16.7	+ 3.8	+16.2	+ 5.1	+15.5	+ 5.9	+ 8.5	+ 8.1	+ 9.2

COMPONENTS for FIVE-DAY PERIODS—continued.

P.M.																							Midt.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.			
+ 8°3	-11°5	+11°3	-10°9	+ 8°8	-11°8	+ 9°8	- 6°7	+ 9°3	- 8°5	+10°9	- 7°9	+11°1	- 8°9	+12°6	- 8°4	+11°7	- 7°4	+11°0	- 7°5	+ 9°3	- 5°2	+ 8°8	- 7°6	+ 8°6	- 9°3	
+ 4°5	- 9°1	+ 6°6	- 8°4	+ 6°6	- 8°4	+ 1°9	- 8°2	+ 4°1	- 8°3	+ 5°4	- 7°8	+ 5°8	- 6°4	+ 4°8	- 3°9	+ 4°5	- 1°9	+ 4°1	- 2°0	+ 4°4	- 2°9	+ 0°9	- 0°6	+ 3°8	- 3°1	
- 7°7	-10°1	- 7°2	- 9°8	- 8°5	- 9°6	- 7°8	- 9°0	- 9°2	- 5°6	-10°4	- 5°0	-10°2	- 6°6	- 8°3	- 5°9	- 4°2	- 4°5	- 5°2	- 5°6	+ 1°5	-10°0	- 1°0	- 9°4	- 6°5	- 7°1	
+ 7°3	- 8°6	+ 6°8	-11°2	+ 7°1	- 9°7	+ 9°0	-10°5	+ 9°7	- 9°2	+ 8°5	- 9°3	+ 8°2	- 7°5	+ 7°6	- 5°3	+ 7°5	- 3°7	+ 6°5	- 5°0	+ 4°6	- 3°8	+ 4°3	- 4°6	+ 4°8	- 6°7	
+ 7°4	-11°1	+ 6°1	- 9°6	+ 4°2	-12°8	+ 4°1	-10°4	+ 4°3	-13°6	+ 3°9	-12°4	+ 4°7	-11°4	+ 2°9	-10°2	+ 3°7	- 8°9	+ 3°7	- 8°5	+ 3°7	- 9°6	+ 6°7	-12°2	+ 6°2	-10°0	
-12°6	-11°6	-13°1	-13°6	-15°4	-13°6	-15°7	-11°6	-14°3	-14°3	-13°3	-13°7	- 9°3	-13°1	- 8°6	-10°1	- 9°1	-10°8	-10°2	- 9°0	-10°0	-12°5	- 8°8	-11°9	-11°6	-11°2	
- 8°3	-13°4	- 9°0	-11°7	- 9°4	-12°9	- 6°9	-13°5	- 5°9	-12°0	- 6°5	-10°8	- 5°1	-10°1	- 5°8	- 9°7	- 2°4	- 7°6	- 5°4	- 7°0	- 5°2	- 7°0	- 5°9	- 6°9	- 6°3	- 9°3	
-16°0	+ 1°5	-13°3	+ 0°1	-10°4	- 0°4	-11°3	- 1°8	-10°8	- 2°0	-10°4	- 2°6	- 6°6	- 0°9	- 3°4	+ 0°5	- 2°5	+ 1°2	- 0°8	+ 1°8	- 0°5	+ 1°7	- 2°1	+ 4°2	- 7°8	0°0	
+ 8°7	+ 1°5	+ 5°1	- 1°5	+ 8°4	- 0°4	+ 7°4	- 1°8	+ 8°0	- 0°4	+ 7°9	- 1°8	+ 5°8	- 0°9	+ 3°9	- 2°4	+ 2°9	- 3°6	+ 1°7	- 0°8	+ 6°2	- 3°1	+ 4°2	- 1°5	+ 6°8	- 0°2	
- 6°1	-15°9	- 5°3	-14°3	- 1°9	-17°2	- 3°8	-13°6	- 6°2	-10°3	- 5°7	- 6°9	- 5°8	- 7°0	- 6°3	+ 0°3	- 7°4	+ 0°9	- 8°3	- 0°6	- 3°1	- 9°9	- 0°9	- 9°1	- 3°0	- 9°2	
+ 2°5	- 7°9	+ 0°7	- 9°3	+ 1°5	-14°7	+ 1°7	-15°8	+ 0°5	-14°3	+ 1°0	-14°7	- 0°4	-13°6	- 1°4	- 9°8	- 1°0	- 9°9	+ 1°6	-11°9	+ 2°4	-10°0	+ 4°9	- 8°2	+ 1°8	-10°4	
+ 8°8	-11°6	+ 8°6	-11°4	+ 9°2	-12°5	+10°8	-11°3	+11°6	-11°5	+ 9°0	-10°1	+ 7°6	-10°3	+ 7°0	-10°4	+ 5°0	- 7°5	+ 3°3	-10°5	+ 2°7	-10°5	+ 4°2	- 8°3	+ 5°2	- 9°3	
- 9°8	- 5°4	- 8°2	- 6°5	- 6°2	- 7°1	- 5°2	- 5°2	- 4°9	- 6°9	- 3°7	- 8°1	- 2°7	- 7°9	- 1°9	- 8°0	- 3°6	- 6°7	- 3°8	- 7°5	- 3°8	- 4°7	- 5°1	- 4°2	- 5°6	- 5°0	
-14°9	- 5°0	-10°3	- 3°2	- 9°8	- 3°1	- 9°9	- 6°2	- 8°6	- 3°5	- 8°2	- 5°0	- 6°1	- 3°2	- 6°2	- 3°3	- 5°6	- 1°9	- 6°9	- 0°6	- 7°2	- 1°6	- 6°6	+ 1°4	- 8°1	- 3°5	
- 2°7	- 1°2	- 3°2	- 1°7	- 4°1	- 1°7	- 4°0	- 3°2	- 4°2	- 2°5	- 4°3	- 2°2	- 0°3	- 2°1	+ 1°2	+ 0°8	- 1°5	+ 0°1	- 0°4	+ 0°1	- 0°4	+ 2°3	+ 0°1	+ 2°5	- 1°4	+ 0°1	
-23°8	+10°5	-24°3	+ 7°7	-20°3	+ 9°5	-21°6	+12°8	-22°1	+14°4	-22°3	+11°9	-21°4	+12°2	-19°8	- 0°6	-15°9	+ 1°8	-16°4	+ 7°0	-16°4	+ 8°3	-16°5	+ 4°8	-20°6	+10°4	
+ 2°1	+ 5°6	+ 3°9	+ 7°6	+ 7°1	+ 6°8	+ 4°3	+ 4°1	+ 4°3	+ 5°2	+ 4°3	+ 0°7	+ 2°5	+ 3°1	- 0°1	+ 3°5	+ 0°1	+ 2°6	+ 0°5	+ 3°4	+ 2°0	+ 2°1	+ 1°5	+ 2°5	+ 1°9	+ 4°2	
-11°9	-10°3	-13°0	- 9°7	-11°3	-11°8	- 9°3	-12°2	-10°2	-12°2	- 8°7	-10°9	- 8°8	-11°3	- 8°6	-11°0	- 7°2	-10°2	- 7°6	-10°9	- 8°5	-10°0	- 8°0	- 8°4	- 7°8	- 9°9	
-11°2	-15°1	-13°5	-12°3	-14°1	-14°1	-14°3	-14°3	-13°2	-11°6	-12°0	-12°0	-13°1	-11°5	-12°0	-10°6	-12°0	-10°5	-11°4	-11°6	-14°0	-10°3	-11°6	-11°1	- 9°9	-11°6	
-13°7	- 8°6	-13°4	- 8°1	-11°8	- 8°4	-10°4	- 8°1	-12°3	- 7°4	- 9°9	- 6°8	-11°7	- 7°3	-12°3	- 6°4	-12°3	- 3°7	-13°9	- 2°6	-13°2	- 0°3	-13°3	- 0°1	-13°5	- 7°8	
-13°7	+ 2°6	-13°4	+ 1°4	-15°4	0°0	-14°1	+ 0°2	-13°2	+ 0°3	-12°1	+ 1°6	-11°4	+ 2°4	-13°4	+ 3°6	-11°4	+ 5°1	-11°0	+ 4°5	-11°6	+ 4°1	-12°5	+ 6°1	-11°4	+ 2°6	
+ 2°6	-16°5	+ 2°7	-16°3	+ 3°0	-16°1	+ 2°2	-16°3	+ 3°8	-14°4	+ 2°7	-12°1	+ 3°0	-13°3	+ 2°4	-12°8	- 0°4	-12°7	- 1°2	-14°9	- 3°3	-13°7	- 2°1	-14°0	+ 0°2	-13°5	
+ 6°3	- 3°1	+ 4°7	- 3°4	+ 7°3	- 4°5	+ 4°4	- 4°3	+ 5°7	- 3°1	+ 3°9	- 0°7	+ 4°9	- 0°6	+ 3°8	- 0°8	+ 3°4	- 1°2	+ 3°2	- 1°3	+ 3°4	- 1°4	+ 1°8	- 0°8	+ 4°7	- 1°7	
-10°1	- 7°7	+ 8°1	- 9°4	+ 7°9	- 9°5	+ 8°0	-10°5	+ 9°2	- 9°2	+ 0°2	-10°3	+10°3	- 8°5	+10°6	- 7°3	+12°5	- 4°8	+10°3	- 7°4	+10°8	- 7°4	+10°3	- 9°3	+ 8°3	- 8°4	
+ 1°6	-19°0	+ 3°2	-18°1	+ 2°4	-17°4	+ 1°7	-19°3	- 2°0	-16°0	- 2°0	-14°7	- 3°9	-16°0	- 5°0	-16°9	- 3°3	-16°1	- 2°7	-17°4	+ 4°5	-17°3	+ 5°1	-15°8	+ 1°5	-15°7	
+ 4°8	-16°4	0°0	-19°4	+ 7°1	-24°2	+ 6°8	-21°0	+ 8°3	-22°8	+10°4	-21°0	+15°3	-18°1	+12°9	-18°1	+13°8	-16°7	+11°2	-14°8	+ 9°2	-12°8	+ 8°5	-13°0	+ 5°7	-14°7	
+ 4°4	- 7°3	+ 0°4	- 8°8	+ 0°5	- 8°6	- 0°2	- 6°1	- 1°3	- 7°2	+ 0°7	- 5°7	+ 4°3	-13°9	+ 6°0	-13°2	+ 3°8	-15°6	+ 2°9	-15°1	+ 3°5	-15°7	+ 1°0	-15°8	+ 3°8	-12°7	
- 4°4	- 7°5	- 5°6	- 7°4	- 5°8	- 4°9	- 2°2	- 4°8	- 3°4	- 1°4	- 2°5	- 1°1	- 2°7	- 0°2	- 3°5	+ 2°2	- 3°6	- 0°4	- 5°9	+ 2°6	- 6°0	+ 1°4	- 9°4	+ 4°1	-11°1	- 0°4	
-20°0	- 4°3	-20°0	- 5°0	-20°0	- 5°5	-24°1	- 4°4	-20°9	- 7°0	-21°9	- 5°8	-21°2	- 7°3	-19°0	- 6°9	-21°4	- 8°9	-20°3	-10°7	-18°7	- 9°4	-17°4	-11°4	-18°8	- 4°9	
+ 3°5	-13°3	+ 7°1	-14°0	+ 4°6	-10°9	+ 3°8	-10°1	+ 3°7	-11°1	+ 0°7	-13°2	+ 0°6	-14°0	+ 2°1	-12°3	+ 9°7	- 8°4	+ 9°5	- 5°2	+ 6°6	- 7°1	+ 9°5	- 6°5	+ 6°8	-11°0	
-14°3	- 1°1	-14°4	- 3°8	+12°3	- 0°5	-12°8	- 1°0	-10°7	- 0°8	-10°5	- 0°3	-10°5	- 1°2	-13°6	- 1°3	-10°9	- 1°1	-10°7	- 2°4	- 9°9	- 7°4	-10°2	- 6°0	-11°7	- 2°2	
+12°8	+11°9	+13°6	+ 8°9	+12°0	+11°5	+12°5	+ 9°1	+13°1	+ 8°5	+11°7	+11°1	+11°5	+11°9	+10°5	+11°2	+12°0	+11°9	+12°3	+11°6	+10°8	+ 9°7	+ 8°6	+11°9	+10°5	+ 9°3	
- 5°0	+15°4	- 4°8	+15°8	- 3°1	+15°3	- 4°5	+13°2	- 4°3	+14°0	- 3°7	+10°2	- 7°2	+10°3	- 5°2	+ 9°9	- 4°6	+ 9°7	- 4°4	+10°3	- 6°1	+10°3	- 7°2	+10°4	- 3°8	+11°8	
- 5°5	+ 9°7	- 4°3	+ 6°2	- 4°9	+ 9°3	- 3°7	+ 9°4	- 3°6	+ 5°9	- 1°7	+ 5°8	- 2°8	+ 6°3	- 3°0	+ 9°0	- 3°9	+ 8°6	- 5°1	+ 7°7	- 5°8	+ 8°6	- 2°1	+ 9°6	- 3°7	+ 8°6	
- 6°6	+ 7°1	- 3°6	+ 3°4	+ 5°3	+ 2°2	+ 2°9	+ 1°9	+ 4°5	+ 1°8	+ 3°4	+ 3°1	+ 2°9	+ 7°4	+ 0°5	+ 6°8	- 1°1	+ 6°9	- 2°4	+ 7°5	- 3°4	+ 5°5	- 6°9	+ 3°7	- 3°5	+ 4°9	
- 1°1	+ 4°6	- 0°9	+ 7°0	- 0°6	+ 4°7	- 2°2	+ 2°1	- 3°4	+ 6°3	- 4°5	+ 5°9	- 5°1	+ 1°6	- 3°2	- 1°8	- 2°1	- 3°1	- 1°0	- 0°9	+ 0°1	+ 0°4	- 0°4	+ 1°0	- 3°5	+ 2°7	
5°7	+12°5	+ 5°2	+11°4	+ 7°7	+11°7	+ 7°0	+14°7	+ 6°7	+11°8	+ 6°1	+16°4	+ 7°1	+14°2	+10°2	+10°2	+ 4°4	+16°0	+ 7°6	+19°6	+ 4°4	+19°1	+ 1°0	+17°4	+ 6°1	+13°4	

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL
VALENCIA OBSERVATORY - LAT. 51° 55' N. LONG. 10° 18' W.

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.
1890. Jan. 1-5	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	1	.020	1	.040	1	.030	2	.025	2	.110
" 6-10	2	.035	2	.030	1	.120	2	.085	2	.045	2	.010	4	.110	3	.170	4	.190	2	.100	1	.040	3	.035
" 11-15	2	.005	2	.010	2	.075	1	.005	3	.050	2	.010	—	—	4	.020	3	.025	2	.010	—	—	—	—
" 16-20	2	.025	3	.025	2	.065	3	.035	1	.010	—	—	3	.050	3	.020	2	.065	3	.055	3	.110	2	.055
" 21-25	1	.015	1	.010	3	.030	2	.040	2	.070	2	.050	1	.020	2	.035	1	.005	1	.010	—	—	2	.015
" 26-30	1	.005	1	.015	1	.005	1	.040	2	.030	2	.055	1	.005	—	—	2	.070	1	.030	1	.005	—	—
Feb. 31-4	—	—	2	.030	1	.005	—	—	2	.045	1	.010	—	—	1	.005	1	.005	1	.005	1	.015	2	.015
" 5-9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 10-14	2	.130	3	.095	2	.045	3	.100	1	.065	4	.100	2	.080	1	.010	—	—	1	.005	1	.025	2	.020
" 15-19	2	.040	2	.010	—	—	—	—	1	.035	1	.100	2	.125	4	.145	3	.155	1	.060	1	.025	1	.005
" 20-24	1	.010	1	.035	2	.090	2	.140	2	.010	2	.025	1	.010	2	.030	2	.040	1	.020	1	.005	1	.005
" 25-1	—	—	—	—	1	.010	1	.035	1	.040	1	.035	1	.020	1	.025	1	.005	—	—	—	—	—	—
Mar. 2-6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	.045	2	.010	1	.005	—	—	—	—
" 7-11	1	.020	2	.010	—	—	2	.025	1	.005	2	.035	3	.030	1	.005	2	.010	2	.010	1	.005	1	.005
" 12-16	—	—	3	.100	2	.070	2	.175	2	.200	2	.025	1	.040	—	—	1	.005	2	.010	—	—	—	—
" 17-21	1	.065	2	.030	1	.010	1	.050	1	.130	2	.115	2	.135	1	.120	2	.070	3	.105	2	.050	2	.065
" 22-26	2	.140	3	.090	3	.215	2	.185	2	.055	3	.060	2	.120	3	.080	1	.025	2	.010	—	—	—	—
" 27-31	2	.015	1	.010	2	.020	1	.015	1	.015	1	.040	1	.010	1	.005	1	.005	—	—	—	—	—	—
April 1-5	—	—	—	—	—	—	—	—	—	—	—	—	1	.010	—	—	—	—	—	—	1	.005	—	—
" 6-10	2	.060	1	.030	2	.015	2	.040	2	.060	1	.030	3	.040	2	.030	1	.015	1	.005	—	—	—	—
" 11-15	1	.010	1	.005	1	.025	2	.020	1	.045	1	.050	1	.100	1	.110	1	.010	1	.030	—	—	—	—
" 16-20	1	.010	—	—	—	—	—	—	—	—	—	—	—	—	1	.005	—	—	—	—	—	—	—	—
" 21-25	1	.115	—	—	1	.005	1	.005	1	.005	1	.025	—	—	1	.005	1	.005	—	—	1	.040	2	.015
" 26-30	3	.105	1	.035	1	.015	2	.065	2	.070	2	.080	2	.160	3	.040	1	.040	1	.115	1	.140	1	.060
May 1-5	2	.020	3	.050	3	.125	2	.110	2	.210	1	.150	1	.065	1	.015	2	.010	1	.015	—	—	—	—
" 6-10	—	—	1	.010	2	.085	2	.070	1	.045	2	.075	1	.110	1	.005	3	.035	1	.055	—	—	1	.120
" 11-15	1	.005	1	.015	1	.005	3	.025	3	.095	1	.005	1	.010	2	.065	1	.010	1	.015	1	.010	2	.050
" 16-20	2	.040	2	.020	1	.015	1	.005	2	.050	2	.135	1	.005	—	—	2	.185	2	.180	1	.075	2	.185
" 21-25	—	—	—	—	—	—	—	—	—	—	—	—	1	.020	2	.080	2	.190	2	.075	1	.125	3	.205
" 26-30	—	—	—	—	—	—	—	—	1	.025	1	.020	2	.030	2	.060	2	.090	2	.060	1	.090	1	.080
June 31-4	1	.005	1	.025	1	.050	1	.035	1	.025	1	.040	2	.050	2	.040	3	.070	3	.170	2	.240	2	.115
" 5-9	2	.160	1	.185	2	.105	1	.085	3	.025	2	.010	1	.005	1	.020	—	—	—	—	—	—	—	—
" 10-14	2	.090	1	.035	2	.055	1	.020	1	.005	1	.015	1	.130	1	.060	—	—	—	—	1	.070	1	.030
" 15-19	—	—	1	.010	—	—	—	—	—	—	1	.005	2	.030	3	.025	3	.040	3	.095	—	—	1	.025
" 20-24	2	.010	—	—	—	—	—	—	3	.020	2	.010	—	—	—	—	1	.045	1	.010	1	.055	1	.025
" 25-29	3	.055	2	.050	1	.015	3	.210	3	.155	2	.095	3	.085	2	.070	2	.010	2	.015	2	.025	2	.025

NOTE.—In estimating the number of DAYS on which Rain fell, those on

AMOUNTS of RAINFALL registered therein, for FIVE-DAY PERIODS.

Rain-gauge, 2 feet above Ground; 11 feet above Mean Sea Level.

P.M.																								Midt.		Totals for the Five Days.	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Days (see Note).	Amount.		
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.				
2	in. '050	2	in. '110	1	in. '045	3	in. '065	3	in. '085	3	in. '210	2	in. '100	1	in. '040	1	in. '125	1	in. '155	1	in. '005	—	in. —	3	ins. '1215		
3	'060	2	'015	1	'035	1	'005	1	'135	—	—	—	3	'100	1	'100	1	'100	3	'120	3	'165	5	'1795			
—	—	—	—	1	'005	—	—	1	'010	1	'015	1	'005	2	'120	2	'020	3	'035	1	'025	—	—	4	'445		
1	'010	3	'055	4	'105	2	'020	—	—	1	'060	2	'045	3	'285	3	'140	3	'050	3	'045	1	'015	5	'1345		
3	'105	2	'040	2	'025	3	'035	2	'050	4	'030	4	'055	4	'110	4	'130	5	'215	5	'045	5	'195	5	'1335		
1	'030	1	'050	1	'050	1	'010	2	'050	2	'105	2	'055	2	'060	2	'065	2	'030	2	'060	2	'040	3	'865		
—	—	1	'005	2	'080	2	'140	1	'075	1	'005	1	'005	2	'065	—	—	1	'010	—	—	2	'065	5	'585		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
1	'005	—	—	2	'060	1	'040	2	'025	1	'070	1	'015	1	'025	2	'010	2	'010	2	'120	3	'145	5	'1200		
1	'005	1	'030	—	—	2	'155	2	'030	1	'005	2	'070	2	'035	2	'095	1	'040	2	'050	2	'040	5	'1255		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'025	—	—	—	—	—	—	—	—	2	'445		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	—	—	—	—	—	—	1	'180		
—	—	—	—	1	'005	1	'005	—	—	—	—	1	'005	1	'005	1	'015	1	'005	—	—	—	—	2	'100		
—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	1	'005	2	'025	2	'015	—	—	4	'210		
1	'015	1	'015	—	—	—	—	—	—	—	—	1	'020	—	—	1	'005	1	'010	—	—	—	—	3	'690		
2	'175	2	'215	1	'135	1	'060	—	—	1	'005	—	—	2	'035	2	'020	—	—	1	'010	1	'005	3	'1605		
1	'025	1	'030	—	—	1	'005	—	—	2	'040	2	'035	1	'010	1	'025	2	'010	1	'050	3	'135	5	'1345		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	—	—	1	'010	2	'155		
1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	1	'010	—	—	1	'010	1	'050		
1	'005	—	—	—	—	—	—	1	'005	1	'005	—	—	1	'025	1	'005	2	'015	1	'015	2	'085	5	'485		
—	—	—	—	1	'005	1	'025	1	'010	2	'020	2	'010	1	'020	—	—	—	—	1	'005	—	—	4	'500		
—	—	1	'005	1	'010	1	'005	2	'050	1	'150	1	'295	1	'225	1	'050	1	'005	—	—	1	'095	4	'905		
—	—	1	'020	1	'005	1	'070	2	'050	3	'105	3	'020	2	'155	2	'020	2	'010	2	'075	1	'005	4	'755		
1	'105	1	'215	1	'180	1	'160	1	'040	3	'095	3	'200	2	'215	2	'120	3	'085	2	'035	1	'120	4	'2495		
—	—	—	—	—	—	—	—	1	'005	1	'005	—	—	1	'050	1	'010	—	—	—	—	—	—	4	'840		
1	'010	—	—	2	'085	1	'050	2	'020	2	'060	1	'005	2	'030	1	'005	1	'015	—	—	1	'005	4	'895		
3	'060	2	'055	1	'005	2	'010	1	'050	1	'015	—	—	1	'005	1	'005	1	'010	2	'015	2	'035	5	'575		
2	'255	3	'025	1	'020	2	'070	2	'125	1	'005	1	'010	3	'055	—	—	—	—	—	—	1	'040	4	'1500		
1	'070	1	'060	—	—	—	—	—	—	1	'005	—	—	1	'005	—	—	—	—	1	'085	—	—	3	'920		
1	'050	1	'015	1	'005	—	—	1	'005	1	'005	—	—	—	—	—	—	—	—	1	'005	1	'015	2	'555		
2	'030	1	'010	—	—	2	'010	—	—	—	—	—	—	—	—	—	1	'010	1	'010	—	—	3	'935			
—	—	—	—	—	—	—	—	—	—	1	'090	2	'290	3	'355	3	'190	3	'105	3	'150	3	'280	5	'2055		
1	'080	—	—	2	'015	1	'020	—	—	—	—	1	'010	2	'040	1	'095	1	'005	1	'005	1	'015	2	'845		
2	'080	2	'055	1	'020	—	—	1	'005	—	—	1	'005	1	'005	1	'050	3	'030	2	'015	1	'035	4	'530		
—	—	—	—	—	—	—	—	1	'005	—	—	—	—	2	'010	3	'015	2	'015	2	'010	1	'005	5	'235		
1	'075	1	'110	1	'085	1	'120	1	'045	2	'045	2	'010	1	'010	1	'010	2	'035	3	'165	2	'160	5	'1680		

which a fall of less than 0.01 in. was measured have been disregarded.

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL

Five-day Periods.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1890. July 30-4	3	in. '010	—	in. —	—	in. —	—	in. —	1	in. '015	—	in. —	—	in. —	1	in. '015	1	in. '035	—	in. —	—	in. —	—	in. —		
" 5-9	1	'020	2	'035	4	'045	2	'080	4	'130	3	'095	1	'060	1	'060	1	'130	2	'130	1	'090	1	'240		
" 10-14	1	'010	1	'070	1	'010	2	'045	2	'135	1	'320	3	'110	2	'035	1	'040	1	'005	—	—	—	—		
" 15-19	1	'010	1	'015	1	'005	1	'080	1	'025	1	'005	—	—	1	'010	1	'030	1	'050	1	'180	1	'045		
" 20-24	—	—	1	'005	2	'010	—	—	—	—	1	'005	2	'020	2	'010	2	'010	1	'005	—	—	—	—		
" 25-29	1	'005	—	—	1	'030	1	'010	2	'025	2	'085	2	'070	1	'005	3	'085	2	'010	1	'015	1	'065		
Aug. 30-3	1	'005	1	'005	1	'010	1	'005	—	—	1	'010	1	'010	—	—	—	—	2	'040	1	'005	—	—		
" 4-8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	—	—	—	—		
" 9-13	—	—	—	—	1	'040	1	'140	2	'035	1	'010	1	'050	1	'045	1	'055	1	'040	1	'015	—	—		
" 14-18	2	'025	2	'095	—	—	2	'040	1	'005	2	'010	—	—	—	—	1	'005	1	'030	1	'010	—	—		
" 19-23	1	'040	—	—	1	'005	2	'010	—	—	1	'025	2	'010	—	—	—	—	1	'060	—	—	2	'015		
" 24-28	2	'055	2	'055	3	'035	2	'040	2	'080	3	'030	4	'115	3	'020	2	'100	2	'095	3	'085	3	'030		
Sept. 29-2	—	—	—	—	1	'047	—	—	—	—	—	—	—	—	1	'010	1	'015	2	'025	1	'005	1	'005		
" 3-7	1	'005	1	'015	1	'035	2	'015	2	'010	2	'035	2	'030	3	'025	3	'020	2	'075	2	'085	2	'025		
" 8-12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 13-17	2	'045	1	'050	1	'105	1	'060	1	'125	1	'015	1	'020	2	'100	1	'005	—	—	—	—	—	—		
" 18-22	2	'010	3	'075	1	'010	2	'040	2	'070	4	'050	3	'115	2	'055	2	'080	2	'015	1	'005	—	—		
" 23-27	—	—	2	'015	—	—	2	'035	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—		
Oct. 28-2	—	—	—	—	—	—	1	'015	—	—	—	—	—	—	1	'010	—	—	—	—	—	—	—	—		
" 3-7	2	'155	3	'215	3	'105	2	'020	3	'030	2	'095	2	'010	2	'025	4	'055	4	'070	—	—	1	'010		
" 8-12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 13-17	2	'030	2	'035	2	'180	3	'055	3	'050	1	'005	1	'005	1	'005	1	'015	1	'005	1	'005	1	'005		
" 18-22	1	'020	—	—	—	—	—	—	1	'005	—	—	—	—	1	'005	—	—	—	—	—	—	—	—		
" 23-27	1	'015	2	'010	2	'025	1	'030	2	'040	2	'015	2	'030	2	'010	2	'055	2	'020	3	'060	3	'025		
Nov. 28-1	3	'050	3	'025	2	'015	1	'005	1	'005	1	'005	—	—	2	'015	3	'040	5	'045	2	'085	2	'225		
" 2-6	1	'030	2	'045	2	'050	2	'045	4	'120	3	'195	5	'345	5	'060	3	'015	3	'040	2	'045	1	'010		
" 7-11	—	—	2	'035	—	—	1	'005	1	'045	1	'005	3	'025	1	'070	3	'070	—	—	—	—	1	'075		
" 12-16	—	—	2	'035	2	'125	1	'220	1	'250	1	'260	3	'155	3	'130	3	'145	3	'045	3	'095	3	'150		
" 17-21	2	'030	2	'015	1	'010	1	'040	2	'080	2	'270	2	'060	3	'015	2	'035	2	'020	1	'020	1	'035		
" 22-26	2	'010	3	'015	1	'005	1	'010	2	'025	2	'015	2	'040	1	'005	2	'020	3	'020	—	—	1	'015		
Dec. 27-1	1	'020	2	'015	2	'030	1	'035	1	'015	1	'025	2	'100	1	'035	1	'025	1	'045	1	'025	1	'060		
" 2-6	—	—	—	—	—	—	1	'005	1	'005	1	'010	1	'005	1	'010	1	'005	2	'025	1	'005	2	'045		
" 7-11	1	'100	1	'125	1	'100	1	'070	1	'005	—	—	—	—	1	'070	1	'060	1	'060	—	—	—	—		
" 12-16	—	—	1	'010	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—		
" 17-21	—	—	—	—	—	—	—	—	1	'005	1	'005	1	'010	2	'035	2	'065	3	'175	2	'195	2	'445		
" 22-26	—	—	—	—	—	—	—	—	1	'005	—	—	1	'010	3	'015	2	'075	3	'090	1	'005	—	—		
" 27-31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

NOTE.—In estimating the number of DAYS on which Rain fell, those on
 * This total exceeds the sum of the hourly totals by an amount of rain which was measured.

AMOUNTS of RAINFALL registered therein, for FIVE-DAY PERIODS—continued.

P.M.												Midt.		Totals for the Five Days.											
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Days (see Note).	Amount.
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1	in. '060	1	in. '005	—	—	1	in. '035	1	in. '015	—	—	1	in. '005	1	in. '005	1	in. '010	1	in. '010	1	in. '110	1	in. '005	2	ins. '325
1	'040	1	'005	—	—	1	'010	—	—	—	—	2	'010	—	—	1	'010	1	'005	1	'010	—	—	5	1'205
—	—	—	—	—	—	2	'065	1	'005	—	—	1	'155	2	'010	1	'005	1	'025	1	'010	—	—	3	1'055
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'455
—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	1	'010	1	'005	4	'085
2	'135	1	'025	1	'045	1	'015	2	'025	4	'095	1	'005	1	'005	2	'040	2	'030	2	'020	—	—	5	'845
1	'005	1	'070	1	'120	1	'025	—	—	1	'005	—	—	—	—	1	'010	—	—	—	—	—	—	3	'325
—	—	—	—	—	—	—	—	1	'005	1	'005	1	'015	1	'025	1	'010	1	'005	—	—	—	—	1	'075
—	—	—	—	—	—	1	'020	1	'005	1	'040	1	'025	—	—	1	'025	1	'045	1	'020	—	—	3	'610
—	—	—	—	1	'005	1	'010	—	—	—	—	2	'055	1	'030	2	'045	1	'045	1	'025	1	'020	3	'455
1	'015	—	—	1	'100	1	'005	1	'050	1	'035	1	'075	1	'015	1	'010	1	'030	2	'040	2	'025	4	'565
2	'010	1	'010	—	—	1	'105	2	'020	—	—	—	—	1	'080	1	'015	—	—	—	—	2	'045	5	1'025
—	—	—	—	—	—	1	'005	1	'005	—	—	1	'005	2	'025	—	—	—	—	1	'008	1	'005	3	'160
1	'005	2	'010	2	'015	2	'010	—	—	1	'005	—	—	1	'005	1	'005	1	'005	1	'005	1	'015	3	'455
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	1	'020	1	'025	1	'095	2	'020	1	'090	1	'035	1	'005	1	'005	2	'055	3	'115	2	'170	4	1'160
—	—	1	'005	1	'040	2	'050	2	'065	3	'055	3	'030	2	'082	3	'133	2	'030	1	'050	3	'115	5	1'180
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	3	'060
—	—	—	—	2	'025	2	'015	1	'020	1	'020	2	'035	2	'025	2	'040	1	'055	—	—	—	—	3	'260
1	'020	—	—	—	—	1	'005	1	'005	1	'030	1	'025	2	'035	1	'050	1	'050	1	'040	1	'220	5	1'270
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	'015	—	—	1	'010	—	—	2	'010	1	'060	1	'110	1	'015	1	'035	1	'005	1	'010	2	'030	4	'695
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	1	'025	1	'005	2	'050
2	'010	2	'115	2	'075	2	'045	3	'190	2	'035	1	'010	2	'010	1	'005	1	'020	2	'035	2	'025	5	1'035*
2	'070	2	'010	3	'035	4	'205	3	'020	3	'045	3	'065	5	'105	4	'255	3	'125	3	'035	3	'015	5	1'500
1	'010	1	'030	2	'360	1	'035	3	'040	2	'105	2	'025	2	'065	3	'025	2	'035	3	'085	3	'045	5	1'860
1	'045	—	—	1	'070	2	'020	1	'050	2	'090	2	'215	1	'005	1	'005	1	'030	3	'030	2	'015	5	1'045*
1	'050	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	1	'050	—	—	1	'005	8	2'700*
1	'005	1	'010	2	'025	2	'095	1	'035	2	'030	1	'030	1	'005	2	'030	1	'005	1	'005	3	'035		
—	—	—	—	1	'025	1	'015	1	'015	—	—	1	'005	2	'025	2	'140	1	'070	1	'010	—	—	5	'485
1	'075	1	'060	1	'100	1	'060	1	'070	1	'025	1	'005	—	—	1	'020	1	'045	2	'060	1	'015	2	'965
2	'085	2	'135	1	'035	—	—	1	'005	—	—	1	'005	1	'005	1	'030	1	'005	1	'020	—	—	3	'440
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'030	1	'070	2	'690
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'015
1	'235	1	'025	2	'130	2	'230	2	'355	3	'330	3	'220	2	'150	3	'150	1	'060	1	'005	1	'005	3	2'830
1	'005	1	'025	1	'040	1	'030	2	'050	1	'080	1	'045	1	'005	1	'010	2	'025	1	'005	—	—	4	'520
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	0	'005

which a fall of less than 0'01 in. was measured have been disregarded.
but which, owing to the failure of the trace, could not be allocated to the hours at which it fell.

VALENCIA OBSERVATORY

TABLE VI.—HOURLY and DAILY MEANS of
Barometer Cistern, 23 feet

1890.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	ins. 29'711	ins. 29'708	ins. 29'710	ins. 29'715	ins. 29'714	ins. 29'713	ins. 29'720	ins. 29'723	ins. 29'725	ins. 29'726	ins. 29'731	ins. 29'737	ins. 29'731
Feb. -	30'118	30'112	30'109	30'105	30'099	30'096	30'097	30'098	30'105	30'109	30'113	30'114	30'112
March	29'825	29'817	29'812	29'803	29'798	29'801	29'806	29'810	29'820	29'827	29'833	29'837	29'839
April -	29'828	29'821	29'816	29'811	29'810	29'809	29'814	29'823	29'830	29'832	29'835	29'837	29'836
May -	29'739	29'733	29'724	29'717	29'710	29'709	29'710	29'711	29'714	29'715	29'716	29'720	29'722
June -	29'985	29'980	29'976	29'970	29'969	29'968	29'973	29'973	29'975	29'975	29'976	29'972	29'973
July -	29'954	29'948	29'943	29'935	29'930	29'931	29'935	29'938	29'942	29'945	29'945	29'946	29'948
August	29'907	29'904	29'902	29'897	29'892	29'891	29'897	29'900	29'908	29'909	29'910	29'910	29'913
Sept. -	30'045	30'038	30'033	30'026	30'022	30'019	30'022	30'024	30'030	30'035	30'041	30'036	30'037
Oct. -	30'162	30'157	30'152	30'141	30'138	30'139	30'141	30'143	30'152	30'157	30'163	30'165	30'167
Nov. -	29'887	29'882	29'877	29'872	29'864	29'860	29'859	29'857	29'865	29'872	29'874	29'877	29'875
Dec. -	29'950	29'944	29'943	29'943	29'940	29'936	29'935	29'937	29'943	29'950	29'955	29'954	29'943
Year -	29'926	29'920	29'916	29'911	29'907	29'906	29'909	29'911	29'917	29'921	29'924	29'925	29'925

TABLE VII.—HOURLY and DAILY MEANS of
Thermometer,

1890.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	45°8	45°9	45°8	45°6	45°4	45°3	45°3	45°4	45°3	45°4	45°9	46°7	47°1
Feb. -	42°4	42°7	42°7	42°8	42°6	42°0	41°9	41°9	42°0	42°3	43°6	44°8	45°6
March	43°6	43°7	43°5	43°5	43°2	43°1	42°8	43°3	43°7	43°0	46°0	46°9	47°5
April -	46°5	46°6	46°4	46°5	46°2	46°1	45°7	46°3	47°0	48°1	49°2	50°2	51°0
May -	49°9	49°7	49°5	49°3	49°3	49°1	49°4	50°4	51°4	52°7	53°4	54°3	54°3
June -	53°9	53°8	53°6	53°5	53°2	53°2	53°7	54°4	54°7	55°5	56°2	56°8	57°2
July -	54°7	54°7	54°6	54°6	54°3	54°4	54°8	55°6	56°3	57°2	57°8	58°6	58°8
August	55°4	55°0	54°5	54°6	54°3	54°2	53°9	55°2	56°1	57°7	58°4	59°3	59°7
Sept. -	56°5	56°4	56°1	56°0	56°1	56°1	56°0	56°3	57°0	58°1	58°6	59°7	60°1
Oct. -	53°3	53°3	53°3	53°3	53°1	53°1	53°2	53°3	53°8	54°6	55°2	55°7	56°0
Nov. -	46°9	47°0	46°7	46°8	46°6	46°5	46°3	46°3	46°4	47°0	47°8	48°4	48°7
Dec. -	41°2	41°1	41°1	40°9	40°9	40°9	40°7	41°0	40°6	41°1	41°3	42°1	42°5
Year -	49°2	49°2	49°0	49°0	48°8	48°7	48°6	49°1	49°5	50°4	51°1	52°0	52°4

TABLE VIII.—HOURLY and DAILY MEAN DIFFERENCE between the DRY-BULB

1890.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	2°4	2°6	2°6	2°5	2°4	2°3	2°3	2°3	2°2	2°1	2°1	2°2	2°2
Feb. -	1°7	1°9	1°8	1°9	2°0	1°8	1°8	1°9	2°1	2°1	2°3	2°8	3°1
March	1°8	1°9	1°7	1°8	1°7	1°7	1°7	1°9	2°0	2°2	2°7	3°0	3°4
April -	1°9	1°9	1°9	1°9	1°8	1°8	1°8	2°0	2°2	2°5	2°9	3°5	3°7
May -	2°2	2°0	2°0	2°0	1°9	1°8	1°9	2°2	2°4	2°9	3°1	3°3	3°4
June -	1°3	1°5	1°5	1°5	1°4	1°3	1°5	1°7	1°9	2°1	2°4	2°6	2°6
July -	1°6	1°6	1°6	1°5	1°4	1°4	1°5	1°7	1°8	2°2	2°5	2°9	3°1
August	2°0	2°0	1°9	2°0	1°8	1°8	1°7	2°0	2°2	3°0	3°2	3°5	3°6
Sept. -	1°4	1°4	1°3	1°3	1°3	1°3	1°1	1°1	1°3	1°7	1°8	2°4	2°6
Oct. -	1°6	1°6	1°6	1°6	1°5	1°6	1°8	1°8	1°9	1°9	2°1	2°5	2°9
Nov. -	2°3	2°4	2°4	2°2	2°1	1°9	1°8	1°8	1°7	1°8	2°0	2°4	2°5
Dec. -	1°8	1°8	1°9	1°8	1°8	1°7	1°7	1°7	1°5	1°7	1°7	2°0	2°2
Year -	1°8	1°9	1°9	1°8	1°8	1°7	1°7	1°8	1°9	2°2	2°4	2°8	2°9

LAT. 51° 55' N. LONG. 10° 18' W.

PRESSURE for each CALENDAR MONTH and for the YEAR.
above Mean Sea Level.

P.M.											Midt.	Daily Means (Month).	1890.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
ins. 29°721	ins. 29°712	ins. 29°703	ins. 29°708	ins. 29°707	ins. 29°708	ins. 29°704	ins. 29°704	ins. 29°705	ins. 29°706	ins. 29°711	ins. 29°715	ins. 29°715	Jan.
30°105	30°099	30°095	30°096	30°099	30°108	30°114	30°120	30°120	30°121	30°120	30°119	30°108	Feb.
29°834	29°829	29°822	29°817	29°816	29°817	29°820	29°823	29°822	29°824	29°821	29°820	29°820	March.
29°833	29°829	29°823	29°818	29°816	29°819	29°818	29°821	29°821	29°818	29°817	29°814	29°822	April.
29°723	29°714	29°725	29°727	29°730	29°733	29°740	29°747	29°754	29°756	29°755	29°751	29°728	May.
29°970	29°969	29°966	29°964	29°960	29°962	29°964	29°963	29°964	29°969	29°967	29°962	29°970	June.
29°948	29°949	29°949	29°948	29°945	29°946	29°949	29°951	29°958	29°961	29°965	29°964	29°947	July.
29°913	29°915	29°912	29°911	29°909	29°910	29°913	29°918	29°923	29°922	29°920	29°920	29°909	August.
30°033	30°031	30°021	30°017	30°009	30°011	30°012	30°021	30°025	30°026	30°022	30°022	30°026	Sept.
30°159	30°158	30°156	30°157	30°158	30°166	30°171	30°174	30°176	30°177	30°174	30°172	30°159	Oct.
29°868	29°862	29°858	29°861	29°865	29°872	29°878	29°880	29°883	29°887	29°889	29°891	29°873	Nov.
29°933	29°924	29°923	29°925	29°929	29°933	29°937	29°942	29°943	29°942	29°944	29°941	29°940	Dec.
29°920	29°917	29°913	29°912	29°912	29°915	29°918	29°922	29°925	29°926	29°925	29°924	29°918	Year.

TEMPERATURE for each CALENDAR MONTH and for the YEAR.
12 feet above Ground.

P.M.										Midt.	Daily Means (Month).	Means of Daily		1890.
14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		Max.	Min.	
47°8	47°8	47°5	47°3	46°8	46°9	46°6	46°4	46°0	46°1	46°0	46°3	50°2	41°4	Jan.
46°3	46°2	45°7	45°0	43°9	43°1	42°5	42°4	42°1	42°0	42°0	43°4	47°4	39°1	Feb.
48°3	48°3	48°0	47°8	46°9	46°0	45°5	45°1	44°7	44°4	44°0	45°3	49°6	40°4	March.
51°6	51°7	51°3	50°5	49°7	48°8	47°5	47°1	46°9	46°6	46°4	48°2	52°9	43°8	April.
55°5	55°6	55°6	55°4	55°1	54°0	52°5	51°4	50°8	50°5	50°2	52°2	57°6	47°5	May.
58°3	58°7	58°2	57°9	56°8	56°1	55°3	54°6	54°3	54°1	54°0	55°4	59°9	51°9	June.
59°6	59°8	59°2	59°3	58°6	57°9	57°1	55°9	55°4	55°1	54°8	56°7	60°9	52°8	July.
60°9	61°0	60°7	60°4	59°6	58°5	56°8	55°9	55°8	55°7	55°3	57°2	62°2	52°4	August.
60°5	60°6	60°2	59°9	59°1	58°3	57°5	57°4	57°0	56°8	56°6	57°9	61°8	54°4	Sept.
56°3	56°2	55°8	55°2	54°5	54°3	54°1	54°0	53°8	53°6	53°1	54°3	57°7	50°5	Oct.
49°2	49°0	48°2	47°6	47°2	47°4	47°2	47°3	47°2	47°1	46°9	47°4	51°3	43°1	Nov.
43°3	42°9	42°1	41°5	41°2	41°2	41°1	41°1	40°9	40°8	40°8	41°4	44°8	37°5	Dec.
53°1	53°2	52°7	52°3	51°6	51°0	50°3	49°9	49°6	49°4	49°2	50°5	54°7	46°2	Year.

and WET-BULB THERMOMETERS, for each CALENDAR MONTH and for the YEAR.

P.M.											Midt.	Daily Means (Month).	1890.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
2°3	2°6	2°4	2°4	2°3	2°1	2°1	2°1	2°2	2°2	2°3	2°3	2°3	Jan.
3°4	3°4	3°4	3°1	2°9	2°6	2°3	2°1	2°0	1°9	1°8	1°8	2°3	Feb.
3°5	3°6	3°6	3°4	3°4	2°9	2°5	2°3	2°2	2°2	2°2	1°9	2°4	March.
4°0	3°9	4°0	3°9	3°7	3°3	2°8	2°2	2°1	2°0	2°0	1°9	2°6	April.
3°6	3°9	3°8	4°0	3°8	3°7	3°6	2°9	2°6	2°2	2°2	2°2	2°8	May.
2°8	3°0	3°2	3°0	2°9	2°4	2°2	1°9	1°6	1°5	1°4	1°4	2°0	June.
3°4	3°5	3°6	3°2	3°3	3°2	2°8	2°6	2°0	1°8	1°7	1°5	2°3	July.
4°0	4°4	4°6	4°5	4°2	4°0	3°6	2°9	2°4	2°3	2°2	2°0	2°9	August.
2°6	2°6	2°6	2°4	2°3	2°0	1°6	1°4	1°5	1°3	1°3	1°4	1°7	Sept.
3°1	3°1	3°0	2°8	2°6	2°3	2°3	2°2	2°1	2°1	2°1	1°7	2°1	Oct.
2°6	2°9	2°7	2°5	2°3	2°1	2°2	2°1	2°4	2°3	2°2	2°2	2°2	Nov.
2°4	2°5	2°3	2°0	2°0	2°0	1°9	1°7	1°7	1°8	1°7	1°8	1°9	Dec.
3°1	3°3	3°3	3°1	3°0	2°7	2°5	2°2	2°1	2°0	1°9	1°8	2°3	Year.

VALENCIA OBSERVATORY

TABLE IX.—MEAN HOURLY and DAILY WIND

1890.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
January	-15'3	-9'3	-14'2	-9'4	-12'3	-8'9	-13'7	-7'7	-13'6	-6'9	-15'2	-9'6	-16'0	-7'4	-17'8	-6'7	-19'0	-6'2	-21'3	-6'7	-18'4	-7'2	-20'2	-6'8
February	-2'3	+5'8	-3'3	+5'7	-1'8	+5'2	-0'8	+6'8	-0'3	+5'3	-0'2	+5'6	-0'8	+6'3	-0'6	+4'8	-0'6	+4'8	-1'0	+5'4	-1'5	+7'2	-1'9	+8'1
March	-6'2	-5'5	-7'0	-3'8	-5'5	-4'5	-4'8	-5'0	-3'2	-7'0	-3'8	-6'4	-2'7	-5'7	-2'2	-6'9	-1'6	-7'8	-1'6	-8'6	-1'0	-7'8	-2'0	-9'3
April	-0'8	+1'3	-0'3	+0'2	-0'1	+0'2	+0'8	-0'2	+1'2	+0'1	+1'7	-0'5	+1'1	-1'1	+1'2	+0'2	+0'7	+0'4	+1'1	+1'0	+0'4	-0'7	-1'1	+0'2
May	-1'5	+3'0	-1'6	+3'1	-1'0	+3'4	-0'6	+4'5	-1'0	+4'6	-1'3	+4'1	-2'1	+4'3	-3'6	+4'2	-3'5	+5'2	-5'6	+4'1	-4'4	+4'5	-4'6	+2'5
June	-5'2	-7'0	-5'4	-6'7	-4'2	-6'2	-4'1	-6'0	-5'3	-5'3	-5'8	-6'5	-5'7	-7'2	-6'1	-6'8	-7'5	-6'7	-8'5	-7'1	-9'6	-6'3	-9'8	-8'4
July	+0'2	-6'7	-1'0	-6'8	-1'4	-6'9	-1'6	-5'7	-1'6	-6'5	-0'5	-6'6	-0'8	-6'5	-1'0	-7'0	-1'0	-6'7	-1'4	-7'9	-0'6	-7'4	-1'1	-8'6
August	+1'5	-4'5	+2'5	-4'4	+2'4	-4'9	+2'2	-4'3	+1'1	-4'2	+1'0	-4'1	+1'1	-4'3	-0'2	-4'7	0'0	-4'8	-0'4	-5'7	-0'7	-5'4	-0'2	-6'9
September	-7'0	-1'3	-6'3	-1'9	-7'3	-0'7	-6'8	-0'9	-7'2	-1'6	-7'5	-1'5	-7'7	-0'5	-8'4	-1'0	-8'6	-1'2	-10'7	-1'1	-8'9	-1'0	-11'2	-2'3
October	-4'2	-5'8	-3'0	-7'2	-3'3	-6'0	-1'5	-5'8	-1'1	-6'6	-0'3	-7'3	-0'5	-6'6	-1'6	-7'2	-1'1	-6'8	-1'9	-7'0	-1'6	-6'5	-0'5	-8'0
November	-2'9	-8'4	-3'4	-7'5	-3'3	-6'8	-4'2	-5'8	-4'7	-4'8	-3'7	-5'2	-5'2	-5'2	-3'9	-5'6	-4'1	-7'0	-4'8	-7'6	-4'3	-6'3	-4'2	-7'3
December	-1'2	+6'4	-1'6	+6'1	-1'1	+5'5	-1'3	+6'9	0'0	+6'7	-1'3	+7'3	-1'8	+7'2	-2'5	+8'3	-1'8	+8'0	-1'0	+9'3	-0'5	+8'2	-0'2	+9'1
Year	-3'7	-2'7	-3'7	-2'7	-3'2	-2'6	-3'0	-1'9	-3'0	-2'2	-3'1	-2'6	-3'4	-2'2	-3'9	-2'4	-4'0	-2'4	-4'8	-2'7	-4'3	-2'4	-4'8	-3'1

TABLE X.—NUMBER of HOURS in which RAIN fell, and the
Rain-gauge 2 feet above Ground;

1890.	A.M.																				Noon.			
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.
January	7	in. '085	9	in. '090	9	in. '295	9	in. '205	10	in. '205	8	in. '125	9	in. '185	13	in. '265	13	in. '395	10	in. '235	7	in. '180	9	in. '215
February	5	'180	8	'170	5	'140	5	'240	6	'155	8	'235	5	'215	8	'190	6	'200	4	'090	4	'070	6	'045
March	6	'240	11	'240	9	'325	9	'485	8	'445	11	'310	10	'355	9	'280	10	'130	10	'140	3	'055	3	'070
April	8	'300	3	'070	5	'060	7	'130	6	'180	5	'185	7	'310	8	'190	4	'070	3	'150	3	'185	3	'075
May	6	'070	8	'120	8	'280	9	'245	10	'450	8	'425	8	'285	9	'235	13	'540	10	'425	5	'310	10	'650
June	10	'320	5	'280	5	'175	5	'315	11	'220	8	'135	8	'255	9	'220	9	'170	8	'265	5	'380	6	'260
July	6	'055	5	'125	10	'110	6	'215	9	'315	8	'510	8	'260	7	'120	8	'295	8	'235	3	'285	3	'350
August	5	'120	5	'155	5	'080	8	'235	5	'120	8	'085	8	'185	5	'075	5	'175	8	'260	6	'115	6	'050
September	5	'060	7	'155	4	'197	7	'150	5	'205	7	'100	7	'170	7	'180	6	'105	5	'095	4	'095	2	'025
October	9	'270	10	'285	9	'325	8	'125	10	'130	6	'120	5	'045	8	'060	9	'140	11	'120	5	'140	7	'265
November	6	'090	12	'155	7	'215	7	'355	11	'535	10	'770	16	'720	15	'325	15	'335	13	'190	8	'195	8	'345
December	1	'100	3	'140	2	'105	2	'075	4	'020	2	'015	4	'030	8	'135	6	'205	9	'350	4	'205	4	'490
Year	74	1'890	86	1'985	78	2'307	82	2'775	95	2'980	89	3'015	95	3'015	106	2'275	104	2'760	99	2'555	57	2'215	67	2'840

NOTE.—In estimating the number of DAYS on which Rain fell, those on which
* This total exceeds the sum of the hourly totals by an amount of rain which was measured.

LAT. 51° 55' N. LONG. 10° 18' W.

COMPONENTS for each CALENDAR MONTH and for the YEAR.

P.M.																							Midt.		Daily Means (Month).		1890.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.		
-20°3'	-9°3'	-20°4'	-10°4'	-22°2'	-10°5'	-19°6'	-9°5'	-19°6'	-7°6'	-18°1'	-7°2'	-18°2'	-7°2'	-19°1'	-7°0'	-16°5'	-9°5'	-15°4'	-9°8'	-16°0'	-8°4'	-17°2'	-9°5'	-17°5'	-8°3'	January.	
-2°7'	+8°0'	-3°7'	+6°5'	-2°2'	+5°9'	-0°3'	+6°9'	-0°1'	+7°3'	+0°2'	+6°9'	-1°1'	+7°3'	-1°0'	+6°5'	-1°3'	+5°9'	-1°5'	+7°1'	-2°5'	+7°8'	-2°6'	+5°9'	-1°4'	+6°4'	February.	
-2°3'	-10°2'	-2°7'	-9°9'	-3°4'	-10°0'	-4°4'	-9°2'	-4°3'	-8°4'	-4°4'	-6°6'	-4°8'	-5°4'	-5°4'	-5°2'	-4°3'	-4°8'	-5°0'	-4°1'	-5°8'	-3°4'	-5°7'	-2°6'	-3°9'	-6°6'	March.	
-2°0'	-0°2'	0°0'	-0°8'	-0°7'	-1°8'	-0°7'	-1°3'	+0°1'	-0°6'	-0°2'	+0°7'	+0°3'	+1°0'	+0°6'	+0°1'	+0°2'	+0°4'	+1°2'	-0°2'	-0°5'	+0°5'	-0°8'	+1°2'	+0°1'	0°0'	April.	
-4°6'	+2°7'	-3°6'	-0°3'	-4°4'	+0°2'	-4°9'	+0°8'	-4°4'	+0°4'	-3°9'	-0°3'	-4°2'	+0°5'	-4°1'	+1°7'	-2°6'	+1°7'	-2°8'	+3°0'	-2°5'	+2°3'	-0°9'	+2°5'	-3°1'	+2°6'	May.	
-10°3'	-10°0'	-11°6'	-9°8'	-10°3'	-11°2'	-9°2'	-9°9'	-7°7'	-8°4'	-7°5'	-9°1'	-6°0'	-8°3'	-5°2'	-6°9'	-4°9'	-7°0'	-4°9'	-6°6'	-5°5'	-6°8'	-5°3'	-7°5'	-6°9'	-7°6'	June.	
-0°3'	-10°3'	-0°5'	-10°4'	-1°5'	-11°1'	-1°7'	-9°9'	-1°2'	-10°5'	-0°8'	-9°6'	+0°1'	-9°1'	+0°3'	-7°3'	+1°1'	-6°3'	+0°3'	-6°2'	-0°9'	-7°3'	+0°4'	-7°6'	-0°6'	-7°9'	July.	
-0°5'	-6°4'	-0°9'	-7°0'	+1°1'	-8°4'	+1°1'	-8°1'	+0°9'	-7°2'	+0°7'	-6°8'	+0°7'	-6°3'	+0°2'	-4°4'	-0°3'	-3°5'	-0°7'	-4°1'	+1°0'	-5°4'	+1°2'	-3°9'	+0°6'	-5°4'	August.	
-11°3'	-3°1'	-10°7'	-2°6'	-9°5'	-2°9'	-9°6'	-3°5'	-9°6'	-2°7'	-9°1'	-3°6'	-8°3'	-2°8'	-7°7'	-4°3'	-6°9'	-4°0'	-7°0'	-2°8'	-7°2'	-2°4'	-6°6'	-2°1'	-8°4'	-2°2'	September.	
-1°1'	-8°3'	-1°3'	-8°4'	-1°1'	-8°9'	-1°2'	-9°1'	-0°9'	-7°8'	-0°7'	-6°8'	-0°9'	-6°6'	-1°7'	-6°1'	-1°4'	-4°7'	-2°0'	-5°7'	-1°9'	-5°0'	-2°5'	-4°6'	-1°6'	-6°8'	October.	
-3°5'	-8°4'	-4°7'	-9°9'	-3°7'	-9°5'	-4°5'	-8°5'	-4°3'	-8°8'	-4°4'	-8°1'	-3°0'	-9°6'	-3°4'	-8°8'	-2°3'	-9°1'	-2°8'	-8°3'	-2°7'	-9°1'	-2°9'	-9°0'	-3°8'	-7°7'	November.	
-0°9'	+9°5'	-0°1'	+8°1'	+1°8'	+8°7'	+1°2'	+9°0'	+1°5'	+7°7'	+1°3'	+8°3'	+0°7'	+8°1'	+1°3'	+7°1'	+0°5'	+7°9'	+0°7'	+8°7'	-0°2'	+8°3'	-1°2'	+8°5'	-0°3'	+7°8'	December.	
-5°0'	-3°8'	-5°0'	-4°6'	-4°7'	-5°0'	-4°5'	-4°4'	-4°1'	-3°9'	-3°9'	-3°5'	-3°7'	-3°2'	-3°8'	-2°9'	-3°2'	-2°8'	-3°3'	-2°4'	-3°7'	-2°4'	-3°7'	-2°4'	-3°9'	-3°0'	Year.	

TOTAL AMOUNTS of RAINFALL MEASURED, for each HOUR, and CALENDAR MONTH, and for the YEAR.

11 feet above Mean Sea Level.

P.M.																				Midt.		Monthly Totals.		1890.		
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.					24.	
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Rainy Days.	Amount.	
10	in. '255	11	in. '275	10	in. '265	11	in. '140	9	in. '320	11	in. '420	11	in. '260	15	in. '715	13	in. '580	15	in. '585	15	in. '300	11	in. '415	26	ins. 7°010	January.
2	'010	1	'030	4	'140	4	'330	5	'130	3	'080	4	'090	6	'150	4	'105	4	'060	4	'170	7	'250	16	3°475	February.
4	'215	4	'260	2	'140	4	'075	—	—	3	'045	4	'060	5	'055	2	'080	7	'055	4	'075	5	'150	20	4°285	March.
3	'115	3	'240	4	'200	4	'260	7	'155	10	'375	9	'525	7	'640	7	'205	9	'125	6	'130	6	'315	22	5°190	April.
9	'460	7	'155	5	'115	6	'135	7	'205	7	'095	2	'015	8	'145	3	'030	2	'025	4	'105	5	'095	23	5°605	May.
6	'310	5	'180	4	'120	3	'145	4	'070	3	'135	7	'320	10	'425	10	'370	13	'210	13	'465	9	'500	24	6°245	June.
3	'175	3	'100	2	'165	6	'150	3	'030	5	'100	2	'160	5	'025	3	'045	4	'065	5	'045	2	'015	20	3°950	July.
4	'030	1	'010	2	'105	5	'145	5	'080	4	'085	5	'170	5	'155	7	'115	4	'125	4	'085	5	'090	19	2°850	August.
1	'005	4	'035	6	'105	7	'170	6	'110	6	'170	7	'105	7	'137	7	'183	7	'150	6	'178	7	'305	19	3°190	September.
5	'105	3	'120	6	'120	6	'250	9	'225	6	'155	5	'155	9	'095	7	'110	6	'105	7	'120	8	'290	21	4°000	October.
6	'195	4	'105	8	'585	8	'230	7	'210	8	'265	8	'335	7	'170	9	'440	7	'290	10	'140	10	'105	25	7°490	November.
4	'325	4	'185	4	'205	3	'260	5	'410	4	'410	5	'270	4	'160	6	'210	5	'135	5	'115	4	'095	14	4°650	December.
57	2°200	50	1°695	57	2°265	67	2°290	67	1°945	70	2°335	69	2°465	88	2°872	84	2°463	83	1°930	83	1°928	79	2°625	249	57°940	Year.

a fall of less than 0°01 in. was measured have been disregarded.
but which, owing to failure of the trace, could not be allocated to the hours at which it fell.

VALENCIA OBSERVATORY

TABLE XI.—NUMBER of OBSERVATIONS of WIND, and the MEAN VELOCITY, referred to Eight Points, for each each HOUR and for the DAY; and the MAXIMUM VELOCITY

JANUARY 1890.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	1	17	1	15	1	11	1	11	2	23	2	21	2	20	3	9	1	9	1	9	2	7	0	—
NE	1	9	1	8	0	—	1	18	1	17	1	18	1	30	1	36	1	42	1	40	1	37	2	22
E	1	26	1	24	1	22	0	—	0	—	0	—	1	6	0	—	0	—	0	—	0	—	0	—
SE	2	32	2	32	3	25	3	27	5	32	2	28	3	33	3	31	2	32	2	43	1	27	5	34
S	7	41	6	39	7	38	8	35	7	41	5	40	5	42	7	33	11	36	10	36	12	34	9	40
SW	9	31	9	32	7	27	5	30	6	23	12	30	10	33	12	32	8	33	8	42	8	37	8	36
W	5	21	7	23	8	19	8	23	7	18	4	27	6	20	3	14	4	15	4	19	4	18	3	23
NW	3	19	2	16	2	15	3	19	1	11	2	10	1	8	0	—	1	15	1	15	1	16	2	17
Calms	2	—	2	—	2	—	2	—	2	—	3	—	2	—	2	—	3	—	4	—	2	—	2	—
Mean Velocity irrespective of Direction	—	27	—	27	—	24	—	25	—	25	—	26	—	27	—	26	—	27	—	30	—	28	—	31

FEBRUARY.

N	1	14	2	11	1	8	1	13	3	12	2	10	0	—	3	14	3	15	3	10	3	11	1	16
NE	5	13	5	13	6	15	5	15	5	14	5	14	6	13	2	13	2	10	4	16	4	15	6	16
E	6	15	3	18	2	19	3	21	4	21	3	20	3	19	6	18	6	16	6	16	7	18	7	20
SE	6	21	6	23	7	20	7	22	5	21	5	26	6	24	4	24	4	26	4	26	5	24	5	22
S	1	16	1	24	1	29	1	22	1	28	1	28	1	21	1	28	1	24	2	19	2	20	3	26
SW	2	18	3	16	2	17	1	12	3	13	2	15	0	—	1	22	1	24	2	18	1	26	0	—
W	0	—	1	11	1	6	0	—	0	—	2	13	0	—	1	10	1	10	2	14	2	14	1	14
NW	2	14	1	18	3	20	3	20	3	20	2	23	3	18	3	17	3	17	2	21	2	17	3	16
Calms	5	—	6	—	5	—	7	—	4	—	6	—	9	—	7	—	7	—	3	—	2	—	2	—
Mean Velocity irrespective of Direction	—	13	—	14	—	14	—	14	—	15	—	15	—	13	—	13	—	13	—	16	—	17	—	18

MARCH.

N	3	10	1	22	2	16	3	12	2	17	1	22	3	14	2	19	1	23	2	16	2	12	5	13
NE	1	8	1	8	0	—	0	—	0	—	1	9	0	—	2	14	2	14	2	19	2	17	2	19
E	3	9	3	11	1	11	2	13	1	17	2	12	4	13	1	11	1	6	2	9	2	6	0	—
SE	1	42	2	35	3	28	2	15	0	—	2	14	0	—	0	—	1	8	0	—	1	11	2	9
S	4	36	5	31	3	33	6	30	4	24	4	27	3	26	4	23	2	20	3	24	2	21	1	38
SW	6	23	6	19	6	26	3	20	5	25	4	22	6	22	5	24	6	20	4	27	5	25	10	21
W	6	11	3	18	3	17	5	17	5	12	7	15	3	18	5	17	7	18	8	19	9	16	7	18
NW	3	17	4	14	5	16	3	18	5	14	4	13	6	15	4	16	7	14	5	21	4	20	3	18
Calms	4	—	6	—	8	—	7	—	9	—	6	—	6	—	8	—	4	—	5	—	4	—	1	—
Mean Velocity irrespective of Direction	—	16	—	17	—	16	—	15	—	13	—	14	—	14	—	14	—	15	—	17	—	15	—	18

APRIL.

N	6	10	5	15	5	15	6	15	7	14	6	14	8	13	6	15	6	17	8	18	6	18	4	20
NE	2	17	3	12	3	13	4	15	2	17	1	29	3	11	4	13	3	13	2	19	3	14	3	20
E	4	11	3	12	3	13	2	17	2	11	4	9	2	12	3	14	3	13	2	17	3	14	3	17
SE	7	16	6	15	5	14	6	14	5	19	5	17	3	24	3	20	6	21	7	22	4	22	6	22
S	1	38	2	29	3	28	1	13	2	17	1	29	1	32	2	29	1	33	1	39	1	31	2	20
SW	2	27	3	22	1	25	2	31	4	21	2	18	3	19	1	30	3	21	4	18	5	17	4	18
W	1	16	2	16	2	23	2	22	0	—	3	17	3	13	5	16	2	20	2	22	3	16	3	21
NW	3	21	2	21	3	18	2	18	4	18	5	15	3	15	2	17	3	17	2	21	3	16	5	13
Calms	4	—	4	—	5	—	5	—	4	—	3	—	4	—	4	—	3	—	2	—	2	—	0	—
Mean Velocity irrespective of Direction	—	14	—	14	—	15	—	14	—	14	—	14	—	14	—	15	—	16	—	19	—	16	—	19

LAT. 51° 55' N. LONG. 10° 18' W.

Hour and for the Day, for each CALENDAR MONTH. Also the MEAN VELOCITY irrespective of DIRECTION, for observed during the MONTH from each of the Eight Points.

JANUARY 1890.

P.M.																						Midt.		Monthly Totals and Means.		Maximum Velocity.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.			
0	—	0	—	0	—	1	8	0	—	1	11	1	11	0	—	0	—	0	—	0	—	1	20	21	14	31
2	17	2	17	1	27	1	26	1	22	1	14	1	17	2	18	1	14	2	23	0	—	0	—	26	22	42
0	—	0	—	1	10	1	13	1	15	1	12	2	19	1	16	2	25	1	21	3	18	2	18	19	18	30
4	31	2	33	2	41	3	34	5	30	5	31	3	47	2	42	1	27	2	35	3	27	2	29	67	33	62
9	59	8	38	9	37	8	37	7	40	7	40	8	35	10	40	9	41	8	40	7	44	9	40	193	38	66
11	34	15	32	14	30	12	32	9	32	9	30	7	27	8	29	8	29	8	29	9	28	8	29	220	31	71
2	11	3	22	3	23	4	24	6	25	6	21	9	22	5	23	7	26	7	26	5	27	6	21	126	22	46
3	24	1	12	1	11	0	—	1	13	0	—	0	—	3	14	2	19	3	13	3	13	2	22	38	16	35
0	—	0	—	0	—	1	—	1	—	1	—	0	—	0	—	1	—	0	—	1	—	1	—	34	—	—
—	31	—	31	—	31	—	30	—	29	—	28	—	29	—	30	—	30	—	29	—	28	—	28	—	28	—

FEBRUARY.

2	11	2	12	2	12	4	10	5	10	2	10	2	8	2	14	3	11	2	11	2	9	0	—	51	11	27
5	16	4	16	6	15	3	18	5	13	5	14	3	13	2	12	3	9	3	14	4	15	3	16	101	14	30
7	18	7	19	4	18	7	17	7	17	6	15	8	17	9	15	7	18	7	14	6	15	6	14	137	17	39
7	25	5	24	5	25	5	28	5	24	6	20	4	22	5	18	3	26	6	21	7	20	7	18	129	23	48
1	22	5	28	4	17	2	13	1	7	0	—	0	—	0	—	3	11	2	14	1	14	1	23	36	20	45
1	32	0	—	2	26	1	17	2	11	1	13	1	12	1	12	0	—	0	—	1	14	2	10	30	17	32
1	13	1	12	1	11	1	8	1	13	0	—	0	—	3	8	0	—	0	—	1	15	0	—	20	11	16
3	17	3	15	3	16	4	16	2	14	5	11	3	10	1	16	1	11	1	16	0	—	2	15	58	16	36
1	—	1	—	1	—	1	—	0	—	3	—	7	—	5	—	8	—	7	—	6	—	7	—	110	—	—
—	19	—	19	—	17	—	17	—	15	—	13	—	11	—	12	—	11	—	12	—	12	—	12	—	14	—

MARCH.

4	12	4	15	3	15	3	17	4	15	3	14	2	10	2	8	3	16	2	13	3	13	4	17	64	14	23
3	13	2	16	2	14	2	14	2	15	3	12	2	13	2	10	2	12	3	12	2	10	1	7	39	15	23
0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	8	2	9	4	9	2	9	3	13	34	10	17
2	9	2	14	0	—	3	18	2	18	4	20	3	21	3	11	1	11	1	14	3	24	3	26	41	19	48
1	38	2	28	5	23	3	37	5	30	3	35	5	29	5	36	4	41	5	35	4	35	3	38	86	31	54
9	23	7	23	7	25	8	21	4	27	4	27	5	25	5	24	5	23	6	22	4	23	6	25	136	23	40
9	20	8	24	8	22	6	20	10	18	7	17	4	13	3	19	5	16	2	12	3	17	3	17	136	18	37
5	14	4	15	4	14	6	16	3	20	6	16	7	15	6	13	3	17	6	14	3	18	1	21	105	16	34
0	—	2	—	2	—	0	—	1	—	1	—	3	—	4	—	6	—	2	—	7	—	7	—	103	—	—
—	18	—	19	—	19	—	20	—	20	—	19	—	17	—	17	—	16	—	17	—	16	—	17	—	17	—

APRIL.

4	19	5	18	5	19	5	21	4	21	4	20	5	15	6	13	7	15	6	14	3	13	3	10	130	16	30
3	20	2	27	2	22	2	21	2	19	2	17	4	20	4	14	2	13	4	15	4	12	3	14	67	16	32
2	20	2	15	2	18	2	18	3	21	4	16	2	11	1	11	3	10	3	9	2	11	4	12	64	14	25
7	26	7	25	5	26	6	25	4	25	5	23	4	20	4	21	3	28	3	28	6	19	6	19	123	21	45
0	—	0	—	1	20	1	27	3	28	2	23	3	26	2	25	2	24	0	—	0	—	1	17	33	26	44
6	16	5	15	6	17	4	19	5	14	3	11	3	12	2	8	3	13	1	43	2	32	2	28	76	18	43
4	21	4	18	5	15	5	15	3	15	5	15	2	15	4	14	1	19	3	20	3	18	1	19	68	17	28
3	13	5	17	4	22	5	16	6	16	3	19	3	19	3	15	2	17	2	17	3	14	4	18	80	17	27
1	—	0	—	0	—	0	—	0	—	2	—	4	—	4	—	7	—	8	—	7	—	6	—	79	—	—
—	19	—	19	—	20	—	20	—	19	—	17	—	15	—	13	—	13	—	13	—	13	—	13	—	16	—

VALENCIA.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and the

MAY 1890.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	4	11	3	10	3	12	5	11	4	12	3	12	4	13	4	13	5	10	7	11	7	10	4	13
NE	2	8	2	10	3	10	4	10	2	13	2	15	2	6	3	9	5	12	1	24	2	16	2	17
E	6	16	5	15	6	15	6	23	8	20	7	18	7	21	5	15	3	20	6	17	6	19	5	18
SE	3	24	5	20	5	22	4	20	3	20	3	25	2	22	6	29	7	30	6	30	6	26	6	26
S	2	19	2	15	1	11	1	15	1	20	1	23	2	23	1	24	2	18	3	30	2	34	2	36
SW	1	7	2	16	3	18	1	22	2	16	2	15	2	24	5	14	3	22	2	21	4	20	5	23
W	2	20	2	19	2	12	3	18	3	11	4	12	3	13	1	18	1	24	2	23	1	19	2	15
NW	2	11	3	10	2	12	1	10	0	—	1	12	1	15	1	13	2	9	1	13	2	11	3	11
Calms	9	—	7	—	6	—	6	—	8	—	8	—	7	—	5	—	3	—	3	—	1	—	2	—
Mean Velocity irrespective of Direction	—	11	—	11	—	12	—	13	—	12	—	12	—	14	—	14	—	17	—	18	—	18	—	19

JUNE.

N	2	10	2	13	1	15	1	15	2	16	1	19	1	21	2	16	2	14	3	14	2	18	2	17
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
SE	2	20	2	22	3	16	3	10	4	13	4	17	2	12	4	17	3	25	3	25	3	20	3	17
S	4	28	4	23	3	27	4	26	4	28	3	30	5	28	5	24	6	24	6	27	5	30	7	32
SW	6	21	7	20	5	21	5	20	4	24	7	17	8	16	5	16	8	19	11	19	13	20	9	20
W	9	13	8	12	8	12	8	13	8	12	9	12	9	12	9	17	6	18	2	16	3	18	3	24
NW	3	12	4	12	6	12	3	16	3	14	3	14	3	16	3	15	4	14	5	21	3	14	6	14
Calms	4	—	3	—	4	—	6	—	5	—	3	—	2	—	2	—	1	—	0	—	1	—	0	—
Mean Velocity irrespective of Direction	—	15	—	15	—	14	—	13	—	14	—	15	—	16	—	16	—	18	—	21	—	20	—	22

JULY.

N	5	12	4	11	4	12	5	12	7	12	6	13	7	13	8	12	6	13	6	14	7	12	5	14
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	8	1	11	0	—	0	—
E	0	—	0	—	0	—	0	—	0	—	0	—	1	10	0	—	0	—	0	—	0	—	0	—
SE	3	8	1	11	1	15	2	23	1	30	1	29	0	—	0	—	0	—	1	37	1	35	0	—
S	1	15	2	18	2	21	2	19	1	18	2	15	3	27	4	26	4	32	3	36	3	37	4	39
SW	7	19	7	21	8	21	6	19	8	20	7	19	7	18	5	18	5	20	5	23	5	21	4	23
W	4	13	3	16	3	14	5	11	4	13	4	15	3	13	6	14	4	15	5	14	4	13	7	15
NW	8	14	9	13	9	14	6	14	6	11	7	11	7	11	6	11	10	12	9	15	11	13	11	14
Calms	3	—	5	—	4	—	5	—	4	—	4	—	3	—	2	—	1	—	1	—	0	—	0	—
Mean Velocity irrespective of Direction	—	12	—	13	—	14	—	15	—	13	—	13	—	14	—	14	—	16	—	18	—	17	—	19

AUGUST.

N	1	11	3	11	2	11	5	8	2	8	3	9	3	10	4	10	5	12	4	13	3	12	2	19
NE	2	19	4	8	2	11	1	16	2	10	1	12	1	13	1	14	2	9	2	9	2	7	0	—
E	1	20	1	15	1	17	1	15	1	16	1	20	1	17	1	19	2	16	2	21	1	24	1	25
SE	0	—	0	—	0	—	0	—	1	7	1	6	0	—	1	12	1	11	1	14	2	16	2	18
S	2	15	1	21	1	21	2	15	2	16	2	20	2	19	3	23	3	26	3	24	2	19	2	20
SW	2	11	1	14	1	12	1	18	2	11	3	14	2	15	2	11	5	14	4	21	8	19	9	18
W	7	14	8	13	8	14	5	17	6	15	4	14	5	16	7	15	5	15	6	15	2	15	2	16
NW	7	11	7	10	7	12	7	13	7	14	7	12	6	12	6	12	5	13	8	15	10	12	12	14
Calms	9	—	6	—	9	—	9	—	8	—	9	—	11	—	6	—	3	—	1	—	1	—	1	—
Mean Velocity irrespective of Direction	—	10	—	9	—	9	—	9	—	10	—	9	—	9	—	11	—	13	—	16	—	14	—	16

VALENCIA.

MEAN VELOCITY, &c. for each CALENDAR MONTH—continued.

MAY 1890.

P.M.																							Midt.		Monthly Totals and Means.		Maximum Velocity.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.		
5	12	6	13	3	14	2	13	4	13	4	12	5	10	5	9	5	10	4	8	2	12	4	9	102	11	20	
1	24	1	20	3	14	0	—	0	—	0	—	0	—	0	—	1	13	1	6	0	—	2	7	39	12	24	
4	19	4	20	3	22	5	22	4	19	3	12	3	27	3	23	3	20	6	16	6	17	6	16	120	19	43	
7	23	6	23	5	25	7	23	7	22	6	22	7	20	8	18	8	14	5	19	5	15	4	22	132	22	50	
3	30	2	30	3	23	1	28	2	23	4	21	3	15	2	17	1	15	2	19	2	22	1	19	46	23	44	
3	27	5	19	7	20	6	20	5	22	4	20	5	17	3	22	2	20	2	11	0	—	1	23	75	19	33	
3	13	4	21	2	17	2	22	3	17	2	22	3	15	3	13	2	21	2	19	4	13	4	15	60	16	28	
4	12	3	12	5	12	7	14	5	14	6	13	3	13	3	11	4	8	2	10	3	9	4	10	68	12	18	
1	—	0	—	0	—	1	—	1	—	2	—	2	—	4	—	5	—	7	—	9	—	5	—	102	—	—	
—	19	—	19	—	19	—	19	—	18	—	16	—	16	—	14	—	12	—	11	—	11	—	12	—	15	—	

JUNE.

2	18	2	16	1	14	0	—	1	19	2	16	3	15	3	16	3	15	4	12	2	15	3	9	47	15	22
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	7	0	—	1	7	7
0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	14	1	17	1	22	1	24	0	—	4	19	24
1	22	2	22	0	—	2	29	3	31	1	24	3	30	1	36	3	28	2	26	2	25	3	22	59	21	44
9	32	8	33	9	29	7	28	6	26	8	26	5	21	6	22	3	19	3	24	4	24	2	28	126	27	54
7	21	7	20	6	26	6	24	8	21	7	21	8	21	4	23	6	23	7	24	7	23	6	26	167	21	40
5	22	6	20	9	19	8	17	7	18	5	17	8	14	11	13	10	11	8	12	7	12	9	14	175	15	32
6	14	5	18	5	18	6	17	5	15	7	16	3	17	4	18	4	16	4	16	4	15	4	15	103	15	30
0	—	0	—	0	—	1	—	0	—	0	—	0	—	0	—	0	—	1	—	2	—	3	—	38	—	—
—	23	—	23	—	23	—	21	—	21	—	20	—	19	—	18	—	17	—	17	—	17	—	16	—	18	—

JULY.

4	14	5	15	4	16	1	16	3	18	4	15	6	15	6	15	8	12	8	12	4	13	5	11	128	13	24
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	8	0	—	3	9	11
0	—	0	—	0	—	1	10	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	10	10
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	10	12	20	37
2	39	2	40	2	44	2	41	2	36	1	52	1	53	3	26	2	23	3	21	0	—	1	11	52	30	53
7	25	7	25	7	25	7	26	8	24	9	20	8	18	4	19	6	18	5	15	8	16	7	18	157	21	43
6	15	7	17	6	16	8	15	7	14	8	14	7	10	10	9	6	9	6	11	4	18	5	14	132	13	26
12	14	10	15	12	13	12	14	11	14	9	13	9	13	7	12	6	12	5	12	8	11	8	13	208	13	27
0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	—	3	—	4	—	6	—	4	—	50	—	—
—	18	—	19	—	19	—	18	—	18	—	17	—	15	—	14	—	12	—	11	—	11	—	12	—	15	—

AUGUST.

2	17	2	16	1	18	1	16	2	17	3	15	4	13	2	12	5	10	4	10	5	10	3	13	71	12	19
0	—	0	—	0	—	0	—	0	—	1	9	1	11	2	11	0	—	0	—	1	12	1	27	26	11	27
2	24	2	23	3	19	3	20	3	20	2	21	2	19	2	14	2	14	2	19	1	16	1	16	39	19	30
2	19	1	17	0	—	0	—	0	—	0	—	0	—	2	18	3	19	1	40	1	11	1	12	20	16	42
3	24	4	25	3	20	1	13	2	17	2	20	2	19	1	20	0	—	2	17	0	—	1	21	46	20	33
6	17	6	16	6	23	8	21	6	23	7	20	6	18	6	17	5	19	5	15	4	20	3	13	108	18	41
3	18	3	23	3	14	4	18	4	13	3	15	6	13	3	14	4	12	4	14	6	16	7	14	115	15	34
12	14	13	14	15	14	14	14	14	13	13	13	9	11	10	11	9	10	7	11	6	11	6	11	217	13	24
1	—	0	—	0	—	0	—	0	—	0	—	1	—	3	—	3	—	6	—	7	—	8	—	102	—	—
—	17	—	17	—	17	—	17	—	16	—	16	—	14	—	12	—	12	—	12	—	11	—	10	—	13	—

VALENCIA.

TABLE XL.—NUMBER of OBSERVATIONS of WIND and the
SEPTEMBER 1890.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	1	7	1	9	1	7	1	9	1	11	1	8	0	—	0	—	2	11	1	14	0	—	0	—
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
E	2	25	1	39	3	17	2	25	1	40	1	41	2	25	3	20	3	24	1	39	2	31	2	36
SE	4	22	3	23	4	20	5	25	6	24	4	25	5	22	4	21	4	19	6	30	6	26	6	26
S	2	30	2	29	4	21	2	17	2	20	4	20	4	20	3	33	4	28	2	26	2	23	3	23
SW	9	17	9	18	7	20	9	18	9	18	10	16	7	18	9	18	9	19	13	19	11	18	11	20
W	2	14	2	19	4	12	2	13	2	14	2	18	3	12	3	12	3	13	2	13	2	13	4	14
NW	2	10	5	10	3	10	3	11	4	10	2	11	3	11	3	12	2	10	3	8	3	11	3	12
Calms	8	—	7	—	4	—	6	—	5	—	6	—	6	—	5	—	3	—	2	—	4	—	1	—
Mean Velocity irrespective of Direction	—	14	—	14	—	15	—	15	—	16	—	15	—	15	—	16	—	17	—	19	—	17	—	20

OCTOBER.

N	1	24	3	14	3	16	3	8	3	11	3	15	5	10	5	17	4	22	5	22	5	18	6	18
NE	0	—	0	—	1	6	2	9	1	6	0	—	1	7	0	—	0	—	0	—	0	—	0	—
E	1	9	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	7	0	—	0	—	0	—
SE	2	11	2	17	4	13	3	11	1	7	0	—	1	14	2	13	2	16	3	16	3	14	1	10
S	5	25	5	20	4	23	4	22	6	15	5	15	4	17	4	17	4	20	4	18	4	17	7	18
SW	6	22	6	23	5	18	6	18	5	24	5	18	5	19	6	17	6	15	6	21	5	22	4	22
W	2	19	3	20	4	21	2	18	2	16	5	18	5	17	5	21	4	21	4	24	6	14	6	21
NW	7	16	6	17	5	17	7	19	8	19	5	22	5	21	4	17	4	19	3	17	5	17	6	15
Calms	7	—	6	—	5	—	4	—	5	—	8	—	5	—	5	—	6	—	6	—	5	—	1	—
Mean Velocity irrespective of Direction	—	15	—	15	—	15	—	14	—	14	—	13	—	14	—	14	—	15	—	16	—	15	—	18

NOVEMBER.

N	4	15	3	19	2	23	2	25	2	22	3	23	3	18	2	13	2	13	2	22	2	16	3	22
NE	1	15	0	—	1	10	2	10	2	11	2	11	2	11	3	14	1	22	1	26	1	18	1	19
E	0	—	1	11	1	11	0	—	0	—	0	—	0	—	1	6	1	10	2	10	0	—	0	—
SE	2	26	3	25	3	30	5	24	6	26	4	23	4	24	2	30	2	21	2	21	4	14	4	17
S	5	25	4	30	3	31	3	29	2	30	5	32	5	38	6	39	5	40	7	30	6	31	6	34
SW	3	26	5	20	5	25	5	26	5	23	4	18	2	26	1	24	3	17	3	20	3	21	3	20
W	8	20	7	22	5	24	4	26	5	24	4	25	5	20	4	23	6	20	4	24	2	25	5	24
NW	4	24	4	23	7	17	5	25	4	19	3	30	5	26	6	25	7	23	7	24	9	19	6	21
Calms	3	—	3	—	3	—	4	—	4	—	5	—	4	—	5	—	3	—	2	—	3	—	2	—
Mean Velocity irrespective of Direction	—	19	—	20	—	20	—	21	—	20	—	20	—	21	—	21	—	21	—	22	—	19	—	22

DECEMBER.

N	3	9	2	7	0	—	2	11	4	12	1	21	1	9	1	9	6	13	5	10	6	11	5	14
NE	8	14	7	16	8	17	6	19	6	19	7	18	8	16	6	13	3	16	8	17	9	14	10	17
E	4	16	5	14	5	13	5	14	6	15	4	19	5	18	8	19	11	17	8	17	6	15	5	14
SE	4	27	4	24	4	29	4	25	3	28	5	29	4	35	5	30	5	28	5	23	6	19	6	18
S	2	31	3	26	1	30	2	25	2	27	0	—	0	—	1	33	1	34	1	45	2	33	2	42
SW	1	25	1	27	2	22	1	26	1	26	2	22	3	16	0	—	0	—	1	37	0	—	1	14
W	0	—	0	—	1	6	1	6	1	14	1	9	1	7	1	7	0	—	0	—	0	—	0	—
NW	2	17	2	17	2	15	2	12	1	8	1	10	1	11	1	8	1	7	0	—	0	—	0	—
Calms	7	—	7	—	8	—	8	—	7	—	10	—	8	—	8	—	4	—	3	—	2	—	2	—
Mean Velocity irrespective of Direction	—	14	—	14	—	14	—	13	—	14	—	14	—	14	—	14	—	16	—	17	—	15	—	17

VALENCIA.

MEAN VELOCITY, &c. for each CALENDAR MONTH—*continued*.

SEPTEMBER 1890.

P.M.																				Midt.		Monthly Totals and Means.		Maximum Velocity.		
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.					24.	
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	
0	—	0	—	1	8	0	—	0	—	0	—	1	10	3	7	0	—	2	9	2	11	2	12	20	9	14
0	—	1	6	1	6	0	—	0	—	0	—	1	6	0	—	0	—	0	—	0	—	0	—	3	6	6
2	32	2	31	2	30	2	24	2	25	1	27	1	32	2	23	2	23	2	28	3	22	3	17	47	26	44
5	24	6	24	4	27	4	29	5	28	3	32	3	31	2	17	3	15	4	14	2	23	3	21	101	24	54
3	27	3	24	4	23	3	26	2	30	4	24	4	21	3	24	2	30	1	45	2	35	2	35	67	25	47
14	20	12	20	11	22	10	21	12	20	9	21	9	21	12	21	10	22	11	19	8	22	8	21	239	20	17
2	13	2	13	4	12	7	12	4	11	6	10	4	9	2	6	2	9	3	11	4	13	5	11	76	12	22
4	12	4	11	3	13	4	12	4	12	5	11	6	9	4	9	6	7	3	6	1	8	2	7	82	10	20
0	—	0	—	0	—	0	—	1	—	2	—	1	—	2	—	5	—	4	—	8	—	5	—	85	—	—
—	21	—	20	—	20	—	20	—	19	—	18	—	17	—	16	—	14	—	15	—	15	—	15	—	17	—

OCTOBER.

3	25	3	23	6	18	6	17	6	16	5	16	5	14	4	14	4	15	3	13	2	16	2	18	95	16	41
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	11	1	14	1	9	1	12	9	9	12
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	8	9
1	15	1	16	1	17	1	17	1	14	2	14	1	12	3	14	3	13	3	13	2	8	5	19	48	14	40
7	21	7	20	6	19	6	19	7	20	6	18	7	19	5	23	5	22	5	22	7	23	3	25	127	20	40
5	19	6	20	7	19	7	19	5	16	5	16	5	18	5	18	6	18	5	19	4	19	5	20	130	19	37
5	19	3	20	3	18	4	18	5	17	5	18	3	15	4	16	2	15	3	15	2	18	2	17	89	18	34
8	19	9	19	8	19	6	20	7	18	5	20	8	18	7	19	7	18	8	17	9	17	8	16	155	18	33
2	—	2	—	0	—	1	—	0	—	3	—	2	—	3	—	3	—	3	—	4	—	5	—	89	—	—
—	19	—	18	—	19	—	18	—	17	—	16	—	16	—	16	—	15	—	15	—	15	—	16	—	16	—

NOVEMBER.

3	19	2	21	3	18	2	23	0	—	0	—	1	18	2	16	1	32	3	22	2	25	3	22	52	20	32
1	17	1	10	3	8	3	12	3	13	3	12	3	10	1	19	3	15	2	19	2	13	2	14	44	13	26
0	—	0	—	0	—	1	10	1	6	0	—	0	—	3	12	1	7	1	7	1	7	0	—	14	9	18
4	20	2	27	2	27	2	29	3	29	3	20	2	17	1	8	2	17	2	14	2	19	2	20	68	22	46
5	31	7	27	6	24	6	24	4	30	5	27	5	30	5	28	4	33	4	32	3	37	2	30	113	31	58
4	26	3	27	4	22	3	33	4	28	4	31	3	27	4	30	5	22	5	26	6	22	6	24	93	24	44
4	19	5	25	7	28	7	23	6	29	6	27	7	21	5	21	7	20	8	19	6	21	8	22	135	23	56
7	23	8	22	5	22	5	20	8	20	7	20	6	27	7	25	6	26	4	25	6	18	5	20	141	23	57
2	—	2	—	0	—	1	—	1	—	2	—	3	—	2	—	1	—	1	—	2	—	2	—	60	—	—
—	22	—	22	—	22	—	22	—	23	—	22	—	21	—	21	—	22	—	22	—	20	—	21	—	21	—

DECEMBER.

5	14	4	15	6	13	6	11	5	12	4	12	2	16	2	10	2	9	1	9	2	8	1	7	76	12	24
7	19	7	16	7	17	6	17	8	15	6	19	9	14	10	17	9	18	8	18	7	18	8	14	178	16	38
10	11	6	17	7	13	8	16	6	16	7	16	5	19	3	16	2	27	5	18	5	19	5	23	141	16	36
5	22	6	26	7	22	6	19	5	21	5	21	4	29	5	25	6	25	5	28	6	25	7	21	122	24	47
3	32	1	10	1	26	2	34	2	34	2	31	1	45	1	40	1	31	1	11	1	14	1	37	34	31	49
0	—	1	32	0	—	0	—	0	—	0	—	1	13	1	10	1	10	1	16	1	14	1	7	20	21	37
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	12	0	—	0	—	7	9	14
0	—	1	11	2	21	2	21	2	24	2	20	1	31	2	19	2	19	1	26	2	18	2	18	32	17	35
1	—	5	—	1	—	1	—	3	—	5	—	8	—	7	—	8	—	8	—	7	—	6	—	134	—	—
—	17	—	15	—	16	—	17	—	16	—	15	—	15	—	14	—	15	—	14	—	15	—	15	—	15	—

VALENCIA OBSERVATORY.

TABLE XII.—MEANS and EXTREMES of PRESSURE and TEMPERATURE, and AMOUNTS of RAINFALL, for each DAY of the YEAR.

JANUARY 1890.										FEBRUARY 1890.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			
				Dry.	Difference. (Dry—Wet.)								Dry.	Difference. (Dry—Wet.)					
1	ins.	ins.	ins.	42°0	1°5	47°7	34°6	—	1	ins.	ins.	ins.	47°2	1°5	50°6	42°1	in.	1	
2	30°211	30°256	30°135	46°2	2°4	47°6	45°0	—	2	30°123	30°338	30°003	43°0	3°3	46°9	39°2	.395	2	
3	29°869	30°135	29°581	44°6	2°3	47°6	41°0	.460	3	30°345	30°482	30°099	44°8	1°2	47°9	40°7	.030	3	
4	29°431	29°581	29°376	43°7	2°8	51°0	35°5	.650	4	30°373	30°474	30°241	43°4	1°9	45°4	38°7	.065	4	
5	29°282	29°490	28°896	49°7	4°5	51°7	45°0	.105	5	30°184	30°249	30°142	39°4	2°6	45°2	34°7	.085	5	
6	29°311	29°733	28°957	51°0	1°5	53°4	47°9	.590	6	30°305	30°332	30°249	40°6	3°3	44°9	35°9	—	6	
7	29°726	29°785	29°676	49°0	2°1	52°6	45°9	.520	7	30°302	30°346	30°278	43°0	2°8	47°6	38°8	—	7	
8	29°903	30°024	29°676	47°2	3°3	50°2	40°9	.135	8	30°372	30°390	30°346	41°8	3°6	46°4	37°6	.040	8	
9	29°827	30°055	29°523	50°1	1°8	53°0	46°6	.470	9	30°246	30°390	30°104	47°1	0°9	50°1	44°0	.125	9	
10	29°862	30°042	29°669	48°8	1°2	52°4	44°3	.080	10	30°092	30°136	30°059	42°4	1°4	46°1	38°0	.400	10	
11	30°120	30°185	30°019	52°6	0°7	54°0	51°3	.060	11	30°073	30°132	29°998	46°3	2°1	49°2	43°0	.540	11	
12	30°066	30°116	30°017	48°8	2°1	52°5	43°0	.005	12	29°907	30°017	29°691	46°6	1°8	50°7	42°3	.290	12	
13	30°110	30°244	29°890	47°9	2°8	52°6	44°4	.070	13	29°402	29°691	29°274	48°0	1°3	49°6	45°6	.585	13	
14	30°006	30°072	29°843	49°4	1°3	53°0	43°8	.190	14	29°629	29°788	29°359	46°9	2°2	50°0	42°0	.320	14	
15	29°841	30°017	29°740	41°8	1°7	46°2	34°8	.360	15	29°820	29°903	29°745	42°2	2°6	45°6	38°0	.400	15	
16	29°853	29°945	29°733	46°1	3°0	49°0	41°2	.585	16	29°749	29°893	29°510	47°4	1°2	51°9	42°1	—	16	
17	29°602	29°733	29°486	47°2	4°0	54°3	40°5	.170	17	29°332	29°510	29°282	46°1	1°8	50°7	42°3	.290	17	
18	29°456	29°646	29°032	42°2	3°7	47°0	36°5	.160	18	29°496	29°627	29°438	46°4	3°3	49°6	43°1	—	18	
19	29°282	29°504	29°073	38°9	2°4	42°8	35°0	.310	19	29°780	29°840	29°627	45°4	3°0	50°4	39°3	—	19	
20	29°310	29°394	29°202	48°0	2°0	52°0	42°7	.490	20	29°822	29°893	29°720	43°2	2°6	46°5	40°4	—	20	
21	29°413	29°479	29°380	41°6	2°4	44°3	36°6	.260	21	29°906	29°977	29°840	38°6	3°6	43°3	34°2	—	21	
22	29°193	29°485	28°888	39°8	2°0	42°4	36°2	.110	22	30°047	30°210	29°933	37°1	3°6	41°3	33°1	—	22	
23	28°983	29°161	28°517	40°5	2°9	47°2	30°7	—	23	30°442	30°644	30°210	46°1	1°8	51°3	39°7	—	23	
24	29°065	29°455	28°477	48°9	2°2	51°6	46°2	.005	24	30°442	30°548	30°373	46°1	3°3	49°6	43°1	—	24	
25	29°372	29°550	29°105	48°3	4°0	53°4	37°8	.080	25	30°676	30°708	30°644	45°4	3°0	50°4	39°3	—	25	
26	29°300	29°708	29°061	48°0	2°0	52°0	42°7	.490	26	30°561	30°648	30°509	43°2	2°6	46°5	40°4	—	26	
27	29°639	29°790	29°490	41°6	2°4	44°3	36°6	.260	27	30°492	30°517	30°461	38°6	3°6	43°3	34°2	—	27	
28	29°918	30°033	29°714	39°8	2°0	42°4	36°2	.110	28	30°442	30°548	30°373	37°1	3°6	41°3	33°1	—	28	
29	29°895	30°320	29°622	40°5	2°9	47°2	30°7	—	29	30°577	30°608	30°540							
30	30°457	30°504	30°327	48°9	2°2	51°6	46°2	.005	30	30°515	30°579	30°384							
31	30°443	30°503	30°422	48°9	0°9	50°1	47°5	.010	31										
	30°416	30°461	30°335	48°9	0°9	50°1	47°5	.010											
Maximum fall in one hour } 8 p.m. 17th -									0°275	Maximum fall in one hour } 4 p.m. 16th -									0°140
MARCH.										APRIL.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	
	Means 24 hrs.	Max.	Min.	Dry.	Difference. (Dry—Wet.)	Max.	Min.			Means 24 hrs.	Max.	Min.	Dry.	Difference. (Dry—Wet.)	Max.	Min.			
1	ins.	ins.	ins.	41°9	2°4	46°5	34°5	.180	1	ins.	ins.	ins.	48°5	3°4	55°3	42°4	in.	1	
2	30°147	30°384	30°056	36°5	3°8	40°2	31°6	—	2	30°202	30°253	30°127	46°4	3°3	53°7	40°7	—	2	
3	30°336	30°518	30°142	34°7	2°9	40°4	30°2	.005	3	30°032	30°127	29°983	45°2	2°9	53°6	36°5	—	3	
4	30°556	30°698	30°513	41°9	1°7	48°4	33°4	.065	4	30°121	30°168	30°074	46°1	1°9	53°6	37°2	—	4	
5	30°332	30°544	30°150	47°2	3°0	48°8	45°1	—	5	30°168	30°187	30°151	49°0	1°7	53°1	46°1	.050	5	
6	30°191	30°238	30°152	48°9	2°2	52°0	46°8	.030	6	30°039	30°170	29°920	49°2	1°4	51°4	45°7	.210	6	
7	30°103	30°154	30°070	48°8	2°7	51°8	45°6	—	7	29°828	29°920	29°722	49°3	3°4	51°7	47°3	.135	7	
8	29°854	30°075	29°655	45°9	3°3	49°7	40°1	.055	8	29°815	29°981	29°661	47°4	2°7	50°7	42°8	.095	8	
9	29°578	29°803	29°490	44°5	3°1	49°5	37°7	.110	9	30°030	30°127	29°938	46°5	2°8	51°2	43°4	.030	9	
10	30°062	30°159	29°803	51°1	1°6	52°0	49°6	.030	10	30°065	30°126	30°022	46°7	4°3	50°3	43°9	.015	10	
11	30°165	30°222	30°088	51°8	2°3	53°5	49°9	.015	11	30°061	30°091	30°020	46°4	4°1	50°7	40°0	.030	11	
12	30°279	30°322	30°203	50°7	2°6	52°6	49°3	—	12	30°004	30°078	29°854	46°4	2°2	52°3	40°7	.360	12	
13	30°171	30°311	29°962	46°7	3°1	50°0	39°3	.110	13	29°587	29°854	29°478	46°7	2°8	50°2	44°3	.060	13	
14	29°836	29°962	29°802	46°0	3°4	49°3	39°7	—	14	29°432	29°495	29°364	49°6	5°0	57°9	41°0	.005	14	
15	29°543	29°805	29°209	44°5	1°7	48°2	40°4	.520	15	29°358	29°395	29°334	47°6	2°9	52°8	43°9	.045	15	
16	29°083	29°229	29°011	41°6	3°0	46°0	36°3	.060	16	29°327	29°391	29°282	47°5	2°4	50°3	43°3	.015	16	
17	29°124	29°259	29°012	38°3	1°8	44°9	34°3	.160	17	29°322	29°381	29°278	50°3	2°4	57°6	45°7	.770	17	
18	29°336	29°377	29°259	36°6	0°7	39°5	33°0	1°365	18	29°494	29°665	29°371	48°9	1°8	53°6	41°8	—	18	
19	29°246	29°462	29°121	40°8	2°3	48°3	32°0	—	19	29°775	29°850	29°658	48°2	1°7	51°0	46°4	.025	19	
20	29°742	29°901	29°462	42°2	2°2	49°1	34°2	—	20	29°888	29°972	29°834	47°6	2°1	56°3	47°3	.095	20	
21	29°666	29°898	29°441	46°1	2°4	49°9	40°8	.080	21	29°925	29°976	29°762	47°5	2°4	50°3	43°3	.015	21	
22	29°650	29°800	29°444	47°7	2°2	52°2	40°7	.280	22	29°837	29°954	29°716	50°3	2°4	57°6	45°7	.770	22	
23	29°639	29°793	29°575	45°7	2°9	50°0	39°5	.410	23	29°939	30°061	29°777	48°9	1°8	53°6	41°8	—	23	
24	29°574	29°687	29°285	47°4	2°6	51°2	44°2	.505	24	29°775	29°850	29°658	47°6	2°8	51°0	42°6	.010	24	
25	29°028	29°285	28°921	48°4	2°6	52°6	43°6	.030	25	29°909	30°073	29°676	46°6	3°3	50°4	42°9	.235	25	
26	29°425	29°573	29°168	49°9	2°0	52°6	47°6	.120	26	29°686	29°794	29°446	49°0	3°5	52°7	43°7	.115	26	
27	29°713	29°804	29°567	50°7	1°0	53°5	48°1	.130	27	29°015	30°087	29°718							

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., VALENCIA—cont.

MAY 1890.											JUNE 1890.										
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.				
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.		Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.						
				Dry.	Difference. (Dry—Wet.)							Dry.	Difference. (Dry—Wet.)								
1	ins. 29°805	ins. 29°824	ins. 29°781	48°0	2°4	55°0	40°7	in. .015	ins. 30°115	ins. 30°170	ins. 30°074	53°6	1°7	58°3	50°7	in. —	1				
2	29°799	29°842	29°680	47°8	3°8	52°0	44°6	.120	29°950	30°074	29°824	54°2	1°3	57°6	51°4	.025	2				
3	29°470	29°680	29°292	49°3	2°3	55°0	44°7	.010	29°592	29°824	29°419	54°6	1°2	57°4	52°2	.585	3				
4	29°511	29°547	29°466	49°2	3°2	55°3	43°6	—	29°704	29°735	29°647	54°8	1°9	58°2	51°6	.025	4				
5	29°482	29°523	29°454	54°1	2°9	63°0	48°3	.095	29°780	29°888	29°668	55°2	1°0	58°5	53°3	.830	5				
6	29°490	29°516	29°441	50°6	1°9	57°2	46°4	.335	30°059	30°254	29°686	52°7	4°4	55°8	49°2	.015	6				
7	29°427	29°521	29°373	50°2	2°2	56°9	46°7	.130	30°238	30°290	30°087	56°1	3°5	64°4	50°6	.350	7				
8	29°605	29°685	29°521	53°3	3°7	61°0	47°2	.140	29°951	30°087	29°910	56°3	1°4	60°2	54°6	.550	8				
9	29°610	29°685	29°506	54°2	3°2	60°5	48°4	—	29°803	29°956	29°571	55°8	1°6	59°3	53°2	.310	9				
10	29°412	29°506	29°381	51°5	1°1	55°6	49°5	.290	29°472	29°575	29°419	55°7	2°2	60°8	53°1	.380	10				
11	29°510	29°601	29°436	50°9	1°3	53°6	48°6	.075	29°492	29°678	29°388	53°9	1°8	58°1	51°3	.465	11				
12	29°604	29°703	29°557	49°8	2°9	53°5	46°5	.060	29°943	30°143	29°678	55°4	2°3	60°0	52°6	—	12				
13	29°654	29°708	29°541	49°3	3°3	54°1	44°0	.145	30°280	30°369	30°143	55°7	2°7	60°1	51°3	—	13				
14	29°782	29°830	29°703	48°4	3°5	52°7	43°0	.175	30°382	30°408	30°350	57°3	2°5	64°2	51°1	—	14				
15	29°814	29°850	29°766	49°5	3°5	54°0	43°9	.120	30°339	30°399	30°245	59°5	1°4	67°0	56°6	—	15				
16	29°667	29°782	29°560	48°7	2°8	53°2	45°1	.030	30°137	30°245	30°057	56°7	1°7	60°7	52°9	.075	16				
17	29°330	29°560	29°188	48°5	1°7	52°2	43°3	.625	29°972	30°059	29°895	55°5	1°0	57°8	52°0	.250	17				
18	29°308	29°404	29°216	49°5	2°0	54°3	45°6	.655	30°097	30°209	30°030	56°6	1°3	60°9	52°8	.135	18				
19	29°567	29°685	29°404	53°1	3°2	61°3	47°0	.190	30°143	30°209	30°044	55°9	2°1	61°5	51°5	.070	19				
20	29°577	29°663	29°528	50°5	2°0	56°2	43°0	—	30°103	30°147	30°042	55°8	3°4	60°0	52°9	.010	20				
21	29°756	29°940	29°633	54°0	2°0	59°9	49°9	.465	30°126	30°165	30°094	55°5	1°9	59°9	52°3	.015	21				
22	30°030	30°088	29°941	54°7	2°2	58°3	52°2	.230	30°195	30°263	30°132	56°7	0°4	60°2	54°7	.170	22				
23	29°998	30°084	29°960	60°7	5°3	67°0	53°9	—	30°265	30°283	30°247	56°0	1°1	59°4	51°9	.020	23				
24	29°869	29°960	29°812	63°4	5°7	70°7	58°4	—	30°122	30°259	29°967	56°2	1°6	61°5	49°7	.020	24				
25	29°797	29°855	29°747	61°2	3°4	67°8	54°9	.225	30°005	30°029	29°964	58°3	2°3	65°1	54°9	.340	25				
26	29°880	29°937	29°835	53°6	1°6	55°2	50°5	.465	29°933	29°997	29°895	56°1	3°0	60°2	50°7	.070	26				
27	30°048	30°187	29°933	55°2	5°6	62°6	47°7	—	29°887	29°917	29°848	53°9	3°2	58°5	48°2	.330	27				
28	30°252	30°276	30°187	52°5	4°0	56°6	47°4	—	29°912	30°027	29°934	53°8	3°4	58°9	47°9	.240	28				
29	30°180	30°256	30°105	53°1	1°4	58°0	46°8	—	29°751	30°017	29°391	54°0	1°5	57°1	51°9	.700	29				
30	30°141	30°200	30°058	54°5	2°5	58°4	50°7	.090	29°325	29°497	29°203	53°5	3°0	56°7	48°7	.285	30				
31	30°175	30°194	30°167	51°7	0°9	55°3	48°6	.320													
Maximum fall in one hour } 5 a.m. 3rd								0°200	Maximum fall in one hour } 8 p.m. 5th								0°285				

JULY.										AUGUST.									
	ins.	ins.	ins.	°	°	°	°	in.		ins.	ins.	ins.	°	°	°	°	in.		
1	29°748	29°899	29°497	55°9	2°7	60°3	53°3	.005		29°871	30°027	29°784	58°2	2°4	61°6	55°5	.050	1	
2	29°881	29°932	29°855	55°0	3°8	58°4	52°4	—		30°140	30°223	30°027	57°5	2°5	62°0	52°2	.010	2	
3	29°924	29°940	29°914	54°6	4°5	59°0	48°0	—		30°195	30°222	30°180	59°5	2°4	66°0	51°8	—	3	
4	29°846	29°916	29°817	53°7	3°5	58°3	48°0	.035		30°187	30°200	30°162	60°6	1°6	64°9	58°3	—	4	
5	29°978	30°088	29°855	53°9	3°7	57°9	51°2	.090		30°131	30°186	30°099	59°6	0°9	61°4	56°9	.075	5	
6	30°066	30°094	29°974	54°6	4°1	59°0	50°0	.050		30°116	30°128	30°104	60°3	2°9	67°5	54°1	—	6	
7	29°565	29°974	29°379	55°7	0°8	59°6	52°2	.000		30°094	30°117	30°067	61°5	2°9	70°6	53°3	—	7	
8	29°651	29°713	29°472	57°0	2°8	63°5	53°8	.020		29°993	30°084	29°946	64°5	4°8	73°5	56°2	—	8	
9	29°788	29°978	29°649	56°5	3°0	63°3	49°9	.045		29°870	29°970	29°748	63°0	5°9	67°1	58°5	—	9	
10	30°050	30°107	29°972	53°3	3°3	60°0	46°8	—		29°643	29°748	29°609	61°5	2°0	67°5	58°7	.265	10	
11	30°124	30°153	30°067	54°0	3°9	59°0	47°0	—		29°775	29°927	29°650	60°5	1°4	64°0	57°4	.185	11	
12	29°859	30°067	29°803	56°6	0°8	59°6	52°8	.735		30°005	30°049	29°927	58°1	3°8	61°3	54°0	—	12	
13	29°617	29°803	29°408	58°2	0°9	63°0	54°9	.275		29°955	30°039	29°826	55°4	3°6	59°0	52°6	.160	13	
14	29°695	29°757	29°570	56°1	2°8	60°6	52°9	.045		29°696	29°836	29°378	56°0	1°9	59°2	52°7	.220	14	
15	29°908	30°067	29°757	56°4	2°8	61°2	51°0	—		29°504	29°547	29°395	55°9	4°3	60°0	50°9	.065	15	
16	30°098	30°128	30°065	56°1	3°2	63°0	47°1	—		29°628	29°812	29°531	55°5	2°7	61°7	48°6	.165	16	
17	30°075	30°121	29°986	55°9	3°8	59°8	50°8	—		29°847	29°876	29°807	56°6	2°4	62°6	51°9	.005	17	
18	29°865	29°986	29°805	57°1	0°6	59°2	54°1	.455		29°871	29°913	29°836	56°8	2°9	63°3	49°8	—	18	
19	30°136	30°348	29°944	58°3	2°7	61°1	55°9	—		29°970	29°995	29°911	55°8	3°9	60°5	49°8	—	19	
20	30°393	30°425	30°339	57°6	2°0	60°6	54°9	—		29°985	30°063	29°914	57°5	1°9	62°2	54°8	.030	20	
21	30°333	30°368	30°297	58°2	0°5	61°7	55°1	.035		30°047	30°111	29°995	58°0	2°4	60°9	54°4	.035	21	
22	30°333	30°393	30°290	58°3	0°7	61°4	56°7	.025		29°942	30°109	29°721	57°1	1°9	60°0	53°9	.390	22	
23	30°326	30°393	30°190	58°6	0°9	62°2	56°6	.015		29°844	29°884	29°742	55°0	3°6	59°0	53°0	.110	23	
24	30°150	30°190	30°127	57°9	2°2	60°9	54°9	.010		29°838	29°872	29°791	54°6	3°3	59°2	50°8	.185	24	
25	30°008	30°131	29°909	58°9	0°7	63°3	54°7	.315		29°595	29°815	29°488	55°0	3°1	58°9	51°6	.240	25	
26	29°897	29°933	29°846	59°2	2°0	62°2	56°5	.060		29°386	29°526	29°337	53°2	3°4	57°0	48°8	.405	26	
27	29°822	29°884	29°775	58°4	2°1	62°6	54°5	.045		29°544	29°804	29°318	54°3	2°8	59°6	46°4	.155	27	
28	29°887	29°983	29°796	56°8	3°4	61°5	52°7	.070		29°998	30°131	29°804	54°8	4°1	58°6	51°5	.040	28	
29	29°841	29°983	29°740	58°2	1°1	60°1	53°1	.355		30°027	30°128	29°949	53°3	2°8	59°5	49°6	.055	29	
30	29°708	29°784	29°640	60°3	0°9	63°1	57°5	.265		30°170	30°203	30°095	52°5	3°0	58°3	44°8	—	30	
31	29°795	29°846	29°735	60°4	2°2	63°6	57°8	—		30°247	30°277	30°199	53°1	3°3	60°1	42°9	.005	31	
Maximum fall in one hour } .										Maximum fall in one hour } .									
										0°120									
										0°140									

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., VALENCIA—*cont.*

SEPTEMBER 1890.										OCTOBER 1890.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			
				Dry.	Difference. (Dry-Wet.)								Dry.	Difference. (Dry-Wet.)					
1	ins. 30°187	ins. 30°260	ins. 30°149	58°0	1°4	61°7	54°7	in. 0.048	1	ins. 29°930	ins. 30°233	ins. 29°589	53°0	4°6	58°3	44°6	in. 0.025	1	
2	30°155	30°178	30°131	59°1	0°8	61°4	57°7	0.052	2	30°295	30°340	30°233	51°8	3°1	58°3	42°1	—	2	
3	30°216	30°253	30°170	59°3	1°3	62°7	57°6	0.020	3	30°215	30°281	30°179	56°7	1°5	60°9	54°9	0.010	3	
4	30°295	30°351	30°238	58°7	0°5	59°6	58°0	0.280	4	30°183	30°194	30°172	58°0	1°3	61°6	54°9	0.070	4	
5	30°367	30°401	30°332	59°5	0°1	61°9	56°8	0.150	5	30°093	30°179	30°037	58°1	0°8	60°1	56°4	0.020	5	
6	30°383	30°408	30°352	59°6	1°1	62°0	54°2	0.005	6	29°972	30°046	29°832	58°0	0°6	59°1	56°8	0.575	6	
7	30°297	30°356	30°264	62°2	2°5	67°8	57°3	—	7	29°929	30°203	29°761	59°0	0°8	62°3	55°1	0.595	7	
8	30°240	30°278	30°208	60°3	1°4	63°3	57°6	—	8	30°324	30°377	30°203	55°3	2°3	61°6	49°6	—	8	
9	30°295	30°318	30°263	59°3	2°2	63°1	54°7	—	9	30°337	30°368	30°318	56°8	1°9	60°2	53°3	—	9	
10	30°200	30°315	30°264	56°9	2°9	61°0	52°8	—	10	30°303	30°329	30°286	57°6	2°6	60°9	55°6	—	10	
11	30°208	30°319	30°261	57°8	1°2	61°1	52°7	—	11	30°306	30°324	30°283	57°0	2°4	60°9	51°8	—	11	
12	30°218	30°307	30°111	58°2	2°4	66°7	49°5	—	12	30°280	30°303	30°264	55°9	3°1	59°3	51°3	—	12	
13	30°019	30°111	29°985	59°4	1°9	63°8	55°4	—	13	30°234	30°268	30°169	58°2	2°5	60°9	56°5	—	13	
14	29°983	30°034	29°883	59°9	2°2	65°8	55°1	0.275	14	30°097	30°176	29°921	56°1	2°2	57°7	54°2	0.170	14	
15	29°746	29°888	29°677	60°0	1°9	62°8	58°4	0.445	15	29°856	29°924	29°803	52°2	4°1	56°6	47°6	0.230	15	
16	29°565	29°679	29°410	58°9	2°0	60°9	54°8	0.340	16	30°037	30°155	29°912	50°4	5°5	53°9	46°7	0.035	16	
17	29°699	29°772	29°612	56°8	2°4	62°7	52°1	0.100	17	30°127	30°177	30°095	55°4	1°3	57°7	50°9	0.260	17	
18	29°809	29°849	29°766	53°9	2°1	59°3	48°8	0.010	18	30°280	30°337	30°175	55°0	1°2	56°4	52°6	0.040	18	
19	29°458	29°768	29°115	56°0	2°3	60°7	49°7	0.330	19	30°366	30°345	30°332	55°6	0°9	57°9	54°4	0.010	19	
20	28°900	29°115	28°778	57°0	1°8	61°3	55°0	0.430	20	30°363	30°378	30°350	55°7	1°4	58°2	53°6	—	20	
21	29°274	29°485	28°941	56°7	1°9	60°6	55°0	0.250	21	30°404	30°476	30°346	55°1	2°2	58°9	53°0	—	21	
22	29°712	29°911	29°485	55°1	2°7	58°6	52°5	0.160	22	30°521	30°564	30°476	53°0	2°6	58°9	47°2	—	22	
23	29°971	29°995	29°911	56°3	2°2	59°3	53°7	0.010	23	30°475	30°554	30°350	52°7	1°5	56°9	47°0	0.010	23	
24	30°105	30°300	29°950	57°6	1°6	61°3	54°5	0.025	24	30°144	30°350	30°006	55°0	1°4	57°1	51°7	0.270	24	
25	30°393	30°450	30°298	56°7	1°7	61°5	51°3	0.025	25	29°841	30°006	29°753	52°1	2°3	57°9	44°4	0.200	25	
26	30°493	30°544	30°433	58°2	0°9	59°8	56°5	—	26	29°900	30°166	29°717	45°2	4°2	48°4	39°5	0.415	26	
27	30°446	30°542	30°324	57°0	1°7	59°9	55°3	—	27	30°201	30°228	30°149	45°1	3°4	48°6	40°6	0.140	27	
28	30°198	30°324	30°126	56°7	1°4	59°6	53°5	0.100	28	30°190	30°232	30°145	50°1	2°2	52°1	46°7	0.110	28	
29	30°025	30°128	29°919	55°7	2°3	59°2	50°3	—	29	29°989	30°145	29°912	54°9	1°1	56°7	50°9	0.290	29	
30	29°730	29°923	29°582	58°1	1°6	59°6	56°5	0.135	30	29°944	30°012	29°822	54°0	0°3	56°0	52°0	0.115	30	
										29°786	29°898	29°685	53°2	2°4	55°8	50°2	0.410	31	
Maximum fall in one hour } Midt. 14th									0°130	Maximum fall in one hour } Midt. 6th									0°220
NOVEMBER.										DECEMBER.									
1	ins. 29°731	ins. 29°914	ins. 29°328	52°8	1°2	57°6	49°3	in. 0.575	1	ins. 29°866	ins. 30°031	ins. 29°748	51°9	0°4	53°1	51°0	in. 0.150	1	
2	29°500	29°721	29°313	50°3	4°6	56°9	45°0	0.090	2	29°728	29°803	29°697	49°8	0°6	51°7	47°9	0.335	2	
3	29°526	29°716	29°399	50°6	2°4	56°3	43°5	0.695	3	29°879	29°964	29°795	43°2	3°5	47°9	40°4	0.035	3	
4	29°388	29°750	29°222	49°5	3°2	52°0	46°0	0.235	4	29°922	29°973	29°831	38°4	2°2	41°2	33°6	—	4	
5	29°927	30°003	29°750	47°3	3°8	49°4	44°8	0.050	5	29°766	29°862	29°711	40°3	1°8	44°0	33°6	—	5	
6	29°370	29°807	28°996	51°0	1°3	56°2	45°8	0.790	6	29°896	29°930	29°851	39°7	1°5	42°1	35°4	0.070	6	
7	29°654	29°742	29°436	49°6	3°8	52°9	44°2	0.060	7	29°919	29°942	29°893	42°0	2°0	43°9	40°8	—	7	
8	29°447	29°630	29°401	46°9	2°7	53°6	40°6	0.360	8	29°854	29°895	29°824	40°1	2°3	42°0	35°7	—	8	
9	29°579	29°704	29°424	45°1	3°8	48°5	41°5	0.360	9	29°968	30°059	29°833	41°0	2°7	44°3	36°9	—	9	
10	29°426	29°702	29°164	43°3	2°3	48°2	35°3	0.440	10	29°993	30°065	29°875	41°9	2°1	42°2	34°4	0.100	10	
11	29°422	29°633	29°237	46°5	3°7	49°6	40°8	0.195	11	29°870	29°937	29°830	45°4	1°2	42°9	43°9	0.590	11	
12	29°566	29°685	29°404	49°8	2°4	53°5	45°7	0.450	12	30°019	30°064	29°937	43°3	1°5	45°4	39°9	0.015	12	
13	29°771	29°824	29°685	49°6	2°1	53°0	46°5	0.005	13	29°736	29°974	29°633	45°2	2°3	47°0	40°9	—	13	
14	29°677	30°076	29°420	51°3	2°2	56°8	48°3	1.175	14	29°912	30°044	29°666	45°1	2°2	47°6	42°0	—	14	
15	30°166	30°239	30°071	45°6	2°9	50°4	38°4	—	15	29°865	30°036	29°692	43°7	2°0	46°5	39°9	—	15	
16	30°079	30°189	29°969	49°3	1°3	53°3	44°9	0.405	16	29°755	29°848	29°685	38°0	1°7	41°6	34°0	—	16	
17	30°110	30°181	30°063	52°1	0°8	54°3	49°2	0.405	17	29°834	29°909	29°658	40°6	1°7	45°1	33°9	—	17	
18	30°265	30°296	30°181	53°1	0°3	54°7	51°5	0.025	18	29°328	29°658	29°127	45°7	2°1	48°6	40°0	1.385	18	
19	30°347	30°432	30°296	53°9	0°2	54°8	53°4	0.100	19	29°353	29°551	29°257	40°2	1°5	43°9	37°5	1.355	19	
20	30°363	30°425	30°222	52°7	0°7	54°1	51°8	0.085	20	29°894	30°095	29°551	39°8	1°6	45°9	35°0	0.090	20	
21	30°246	30°341	30°095	50°1	2°6	54°0	46°8	0.455	21	30°201	30°258	30°092	38°1	1°4	43°2	33°2	—	21	
22	30°185	30°341	30°005	51°4	1°7	54°4	48°5	0.030	22	29°891	30°153	29°701	46°7	1°1	51°2	42°9	0.395	22	
23	29°780	30°005	29°542	53°2	0°8	55°4	47°7	0.235	23	29°995	30°250	29°771	45°3	2°2	47°6	41°7	0.020	23	
24	29°843	29°986	29°566	46°0	3°5	49°9	40°4	0.145	24	30°279	30°347	30°222	40°4	1°1	43°9	36°5	0.025	24	
25	29°983	30°186	29°892	42°4	2°6	45°6	39°3	0.065	25	30°276	30°408	30°194	43°0	1°9	47°2	36°4	0.090	25	
26	30°241	30°283	30°186	36°6	2°3	40°1	31°7	0.010	26	30°404									

ABERDEEN OBSERVATORY.

HOURLY and DAILY MEANS of PRESSURE for FIVE-DAY PERIODS.

LONG. 2° 6' W.

Barometer Cistern, 88 feet above Mean Sea Level.

The readings are corrected for temperature, but are not reduced to Mean Sea Level.

Five-day Periods.	Midt.					A.M.					Noon.					P.M.					Dally Means (Five Days).				
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.		20.	21.	22.	23.
1890.																									
1-5 Jan.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.
6-10 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
11-15 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
16-20 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
21-25 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
26-30 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
31-4 Feb.	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
5-9 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
10-14 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
15-19 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
20-24 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
25-1 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
2-6 March	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
7-11 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
12-16 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
17-21 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
22-26 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
27-31 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
April 1-5	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
6-10 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
11-15 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
16-20 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
21-25 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
26-30 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
May 1-5	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
6-10 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
11-15 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
16-20 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
21-25 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
26-30 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
June 31-4	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
5-9 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
10-14 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
15-19 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
20-24 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566
25-29 "	29 500	29 498	29 505	29 495	29 513	29 524	29 550	29 560	29 550	29 555	29 568	29 568	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566	29 566

TABLE II.
HOURLY AND DAILY MEANS OF TEMPERATURE FOR FIVE-DAY PERIODS.
ABERDEEN OBSERVATORY - - - - - LAT. 57° 10' N. LONG. 2° 6' W.
Dry-bulb Thermometer, 41 feet above Ground.

Five-day Periods.	Midt.	A.M.												Noon.	P.M.												Midt. (Five Days).	Five-day Periods.
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.		13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
1890. Jan.	39.6	39.2	38.8	39.0	38.7	39.2	39.7	40.3	40.6	41.3	41.7	42.4	42.8	43.4	43.4	43.0	41.7	41.5	41.7	41.6	41.2	40.9	40.3	40.1	40.2	40.9	1-5 Jan.	
"	44.1	43.9	43.5	43.8	44.6	44.4	44.8	44.7	44.7	44.7	45.0	45.6	45.6	45.6	45.8	45.3	44.6	44.1	43.7	43.6	42.9	43.5	43.5	43.1	42.7	44.3	6-10 "	
"	40.1	40.4	40.7	41.5	41.4	41.9	42.5	41.7	41.9	41.8	42.5	43.5	43.5	43.5	43.2	43.4	43.7	43.6	43.4	43.6	44.1	43.0	43.5	42.5	42.6	42.5	11-15 "	
"	44.8	44.6	44.2	44.2	43.7	43.5	43.3	43.2	43.4	43.5	43.7	43.8	44.2	44.5	43.8	43.4	43.2	43.1	41.7	41.5	41.8	41.8	41.9	41.8	42.0	43.2	16-20 "	
"	33.2	33.1	33.1	33.8	33.6	33.7	34.0	34.1	33.9	34.0	35.2	36.3	37.1	37.0	37.1	37.0	37.1	36.5	35.7	35.1	35.2	35.2	35.4	35.8	35.9	34.9	21-25 "	
"	39.0	39.5	39.0	39.3	39.0	39.7	39.0	38.8	39.2	39.0	39.6	40.6	41.3	41.8	41.5	41.4	40.4	39.8	39.3	39.1	38.8	38.5	38.6	38.5	38.9	39.6	26-30 "	
Feb.	42.6	42.0	41.9	42.1	42.0	42.0	42.4	42.8	42.6	43.8	45.4	46.7	47.5	47.8	48.1	47.2	46.1	44.1	43.3	42.4	41.4	41.7	41.2	40.3	40.6	43.5	31-4 "	
"	35.7	35.5	34.9	34.9	34.5	34.6	34.6	34.5	33.7	33.0	36.4	38.5	39.0	41.5	41.6	41.2	40.3	39.1	37.9	37.1	36.6	36.8	36.4	37.0	37.0	37.0	5-9 "	
"	39.2	39.2	38.8	38.9	38.5	38.9	38.9	38.9	38.8	39.1	39.2	39.4	39.4	39.7	39.6	39.4	39.4	39.2	38.7	38.7	39.1	38.4	38.2	38.2	37.9	39.0	10-14 "	
"	37.6	38.4	38.3	38.3	38.5	38.7	38.7	38.7	38.8	39.1	39.2	39.4	39.4	41.1	41.2	41.3	40.7	40.5	40.1	40.0	39.7	39.5	39.2	38.9	38.7	39.4	15-19 "	
"	37.8	37.9	38.0	38.1	38.3	38.4	38.4	38.5	38.3	39.0	40.1	41.9	42.8	43.6	44.0	44.0	43.7	43.0	42.4	41.9	41.2	40.7	40.6	39.5	38.7	40.4	20-24 "	
"	36.7	36.4	36.3	36.3	35.9	35.5	35.7	35.9	35.5	36.3	37.2	37.7	37.8	37.8	37.0	37.8	37.8	37.5	36.4	35.9	36.0	35.8	36.1	35.9	36.3	35.8	39.5	25-1 "
March	35.4	34.7	34.6	34.5	34.3	34.5	34.6	34.4	35.5	36.5	37.8	39.2	41.0	42.3	43.2	43.7	44.1	43.2	40.9	39.5	37.8	36.8	36.9	36.8	36.6	37.9	2-6 March	
"	36.6	37.7	37.2	37.5	37.0	36.2	35.6	36.0	36.2	37.8	38.7	40.2	40.8	40.4	40.0	39.6	39.4	38.5	37.2	35.9	35.7	35.7	36.5	37.2	38.5	37.7	7-11 "	
"	45.7	45.7	45.7	45.2	45.3	45.2	45.3	45.1	44.9	45.5	46.9	48.0	49.4	49.1	49.7	49.9	49.0	47.8	46.2	45.6	44.8	44.6	44.5	44.7	44.5	46.3	12-16 "	
"	40.6	40.5	39.9	39.7	39.8	39.2	39.1	39.0	39.6	40.4	40.9	41.3	41.4	42.0	41.9	42.5	42.2	42.0	41.4	41.0	40.7	40.3	40.1	40.3	40.1	40.6	17-21 "	
"	40.3	40.0	39.9	39.8	39.7	40.4	40.6	40.9	42.0	43.2	43.9	44.9	45.0	45.1	45.1	45.1	45.1	44.4	43.4	42.9	42.2	41.5	41.0	40.5	40.1	42.3	22-26 "	
"	43.1	42.3	42.1	42.1	41.9	41.3	41.8	42.2	43.5	45.9	47.2	48.4	49.3	50.1	49.9	49.9	50.0	49.6	48.9	47.9	46.3	45.4	44.8	44.3	43.9	45.5	27-31 "	
April	42.6	42.2	41.7	40.8	40.8	40.1	40.2	41.3	43.6	47.0	49.5	50.9	51.3	51.3	51.5	52.7	52.7	50.5	49.2	48.1	46.9	46.1	45.1	44.0	43.2	46.0	1-5 April	
"	39.9	39.7	39.3	39.4	38.9	38.9	38.2	39.5	40.5	40.5	41.9	43.0	43.7	43.9	44.4	44.8	44.1	43.1	40.6	39.7	39.9	39.8	39.4	38.8	38.7	40.9	6-10 "	
"	34.8	34.8	34.1	33.9	33.8	33.7	33.7	33.9	37.2	39.5	40.5	40.9	41.1	41.2	41.4	41.2	41.2	40.7	40.6	39.7	38.5	37.6	36.8	36.4	36.1	37.8	11-15 "	
"	40.8	40.7	40.5	40.5	40.9	40.8	40.8	41.1	41.3	42.3	42.8	43.7	44.3	44.3	43.7	43.5	44.0	43.6	43.4	43.1	42.5	42.1	41.7	41.4	41.3	40.8	16-20 "	
"	42.3	41.9	41.6	41.2	40.8	40.8	42.4	44.6	46.6	48.5	49.8	49.9	49.6	49.7	48.8	48.7	48.7	48.5	48.4	47.2	45.8	44.3	43.3	42.1	41.3	45.5	21-25 "	
"	40.7	40.4	40.7	41.0	40.5	41.3	43.5	44.8	45.5	46.2	47.1	47.9	48.5	49.3	50.1	49.9	50.0	49.6	48.9	47.9	46.3	45.4	44.3	43.5	43.0	42.5	44.4	26-30 "
May	43.6	43.9	43.0	42.6	42.3	42.4	43.9	46.6	47.2	48.8	49.5	49.0	49.1	48.6	49.0	49.3	48.7	48.8	48.2	47.7	46.6	45.9	45.3	44.3	43.8	46.3	1-5 May	
"	46.1	45.9	45.8	45.8	46.0	46.0	46.2	47.0	47.4	47.5	47.4	48.0	47.7	48.0	48.4	47.5	47.5	47.2	46.5	46.2	46.1	46.3	46.3	46.1	45.9	46.8	6-10 "	
"	45.9	45.4	45.4	44.7	44.4	44.2	45.6	47.0	49.3	50.7	50.9	50.4	51.8	52.7	53.1	52.2	51.2	50.3	49.8	49.0	48.2	47.4	47.2	46.5	46.1	48.4	11-15 "	
"	47.0	46.7	46.6	46.8	47.0	47.2	47.8	48.3	49.2	49.3	50.9	52.4	52.0	52.4	52.3	52.6	53.4	51.6	51.1	50.8	50.1	49.0	48.3	47.7	47.3	49.4	16-20 "	
"	50.4	49.8	49.3	48.5	48.5	49.0	50.7	52.3	52.8	53.8	54.2	55.3	56.8	57.5	57.7	56.5	56.2	55.5	55.5	54.3	53.0	51.6	50.9	49.6	51.5	52.9	21-25 "	
"	45.9	45.3	44.6	44.8	45.5	46.0	46.4	47.4	48.6	49.2	49.8	50.4	51.3	51.6	51.3	51.6	50.9	50.5	50.1	49.4	48.6	46.9	46.0	45.5	45.4	44.9	26-30 "	
June	47.1	46.5	46.8	46.7	46.6	46.6	46.7	47.2	47.5	48.8	49.5	50.7	51.3	51.3	51.6	50.9	50.5	50.1	49.4	48.2	46.9	46.0	45.5	45.4	44.9	47.6	31-4 June	
"	49.3	48.1	47.3	46.6	46.7	46.6	46.7	47.2	47.5	48.8	49.5	50.7	51.3	51.3	51.6	50.9	50.5	50.1	49.4	48.2	46.9	46.0	45.5	45.4	44.9	47.6	5-9 "	
"	51.0	50.4	49.9	49.2	49.7	50.5	50.8	51.3	51.3	50.6	51.0	51.1	51.2	51.3	51.4	51.5	51.6	51.7	51.8	51.9	52.0	52.1	52.2	52.3	52.4	52.5	52.6	10-14 "
"	49.7	49.6	49.4	49.3	49.2	49.1	49.0	48.9	48.8	48.7	48.6	48.5	48.4	48.3	48.2	48.1	48.0	47.9	47.8	47.7	47.6	47.5	47.4	47.3	47.2	47.1	47.0	15-19 "
"	52.0	51.0	49.9	49.4	49.3	51.6	53.5	55.3	56.9	58.2	59.7	60.3	61.4	61.3	61.3	61.3	61.3	61.3	60.9	60.7	60.9	60.6	60.2	59.8	59.5	59.6	59.6	20-24 "
"	49.8	49.1	48.9	48.5	48.1	49.3	51.6	53.1	54.6	55.2	56.3	57.4	58.5	59.8	61.3	62.1	63.1	64.0	64.9	65.9	66.9	67.8	68.6	69.4	70.2	71.0	25-29 "	

TABLE II.—HOURLY and DAILY MEANS OF TEMPERATURE for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.	A.M.											Noon.	P.M.											Midt.	Daily Means (Five Days).	Five-day Periods.
		0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.		11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.			
1890. July 30-4	49.5	50.0	49.7	49.2	49.6	50.1	51.0	51.1	51.9	52.4	53.5	53.9	54.4	54.7	54.6	55.0	54.7	54.7	53.6	53.5	53.4	53.4	53.4	50.0	49.1	48.4	1890. July 30-4
" 5-9	48.0	47.6	46.7	46.5	46.7	47.7	48.5	50.1	51.1	51.4	52.9	52.9	53.1	53.6	54.0	54.3	53.8	53.4	53.5	53.5	53.4	53.4	53.4	50.0	49.8	48.6	" 5-9
" 10-14	50.3	50.2	49.6	49.3	49.1	49.9	51.0	52.7	53.7	53.1	53.3	55.0	55.3	56.2	57.9	59.8	59.4	58.8	57.9	57.1	55.2	53.8	52.4	52.0	51.2	53.7	" 10-14
" 15-19	52.2	51.6	51.0	50.1	49.7	51.4	53.4	55.1	55.8	56.3	56.3	56.7	56.3	57.2	57.2	56.5	55.2	55.2	55.6	55.2	54.8	54.3	53.2	51.6	50.6	54.0	" 15-19
" 20-24	53.6	52.7	52.2	51.6	51.3	53.1	55.2	56.0	57.0	57.3	58.5	59.8	59.2	60.3	62.8	62.6	60.4	59.5	59.0	58.3	57.9	57.9	56.2	56.2	54.8	56.8	" 20-24
" 25-29	53.3	52.8	52.1	51.8	51.0	51.8	52.7	54.3	55.4	57.6	59.0	60.3	60.7	60.6	61.5	61.4	61.9	62.3	61.4	60.1	58.8	57.2	55.9	54.9	54.2	56.9	" 25-29
Aug. 30-3	54.6	53.9	53.1	53.3	53.3	54.3	55.8	57.8	59.1	61.8	63.4	64.1	64.3	65.5	66.0	65.4	63.9	62.9	62.3	60.9	59.3	58.0	57.1	56.6	55.8	59.3	Aug.
" 4-8	58.1	57.2	56.3	55.9	55.1	55.2	56.1	58.6	60.4	62.6	63.4	64.2	65.1	65.7	65.3	64.8	64.8	64.0	63.0	61.8	60.7	59.4	58.6	58.0	57.2	60.5	" 4-8
" 9-13	55.7	55.7	55.7	55.7	55.4	55.5	55.8	56.8	56.9	57.5	57.9	58.7	58.8	58.5	58.4	58.3	58.3	57.6	57.2	56.7	56.3	56.0	55.9	55.7	55.7	56.8	" 9-13
" 14-18	53.8	53.6	53.3	53.0	52.5	52.8	53.1	53.5	54.1	55.9	56.9	57.9	59.4	59.7	59.9	58.0	58.4	57.7	57.7	56.2	55.3	54.0	53.9	53.5	53.3	55.5	" 14-18
" 19-23	48.4	48.1	48.1	48.5	48.6	48.7	49.2	51.1	52.6	53.6	55.1	57.8	58.0	58.3	58.3	57.9	56.4	56.9	55.9	54.5	52.5	50.9	49.3	48.2	47.2	52.6	" 19-23
" 24-28	49.6	49.0	49.0	49.0	48.8	48.3	48.7	50.6	52.1	53.6	53.5	54.0	54.9	56.7	55.1	54.6	54.6	54.5	53.9	52.7	50.9	50.7	50.6	50.4	49.9	51.9	" 24-28
Sept. 29-2	45.8	45.4	44.8	44.3	44.5	44.3	45.1	48.5	50.2	52.1	53.0	54.0	54.7	55.7	55.4	55.6	55.6	55.8	54.1	52.1	50.3	49.9	48.9	48.0	47.5	50.2	Sept.
" 3-7	54.3	53.8	53.5	53.1	52.4	53.0	53.2	55.2	56.7	58.7	59.8	62.1	62.7	63.6	64.5	63.7	62.4	61.4	60.4	58.1	57.1	56.3	55.6	54.9	54.2	57.6	" 3-7
" 8-12	54.5	53.9	53.3	52.8	52.8	52.8	53.4	56.2	57.1	58.8	59.6	61.6	62.4	62.9	62.3	61.9	60.6	60.2	58.8	57.6	56.4	56.1	55.4	54.5	53.3	57.1	" 8-12
" 13-17	54.0	53.2	52.8	52.7	52.9	52.6	52.3	53.4	55.2	57.4	58.8	59.5	60.2	60.3	60.2	59.9	59.4	58.8	57.7	57.1	56.6	56.3	55.6	54.5	53.4	56.3	" 13-17
" 18-22	55.1	55.2	55.3	55.0	54.6	54.8	54.6	55.0	55.2	55.4	56.1	56.6	57.3	57.9	58.1	58.2	58.1	57.6	57.0	56.2	55.6	55.5	55.3	54.6	54.6	56.0	" 18-22
" 23-27	53.3	53.0	52.2	52.9	53.0	54.0	54.4	55.1	56.6	58.7	61.4	62.0	62.2	62.9	63.3	62.6	61.8	60.6	59.0	57.4	56.4	54.8	54.3	53.9	53.7	57.2	" 23-27
Oct. 28-2	48.1	48.4	48.6	48.3	47.4	47.1	47.1	47.0	48.2	49.8	50.8	51.3	51.7	51.8	51.1	50.4	50.2	50.1	48.3	48.0	48.1	48.0	47.5	46.9	46.9	48.8	Oct.
" 3-7	51.2	50.9	51.2	51.6	52.1	52.3	51.8	53.2	53.3	54.9	56.5	57.7	58.3	59.3	58.8	58.3	57.3	56.1	54.5	53.7	53.1	52.0	51.7	50.6	50.5	54.0	" 3-7
" 8-12	51.8	51.2	50.6	50.5	49.9	49.3	47.7	47.0	48.9	53.3	55.3	57.5	58.8	59.3	60.1	59.3	58.5	56.6	55.3	54.6	53.5	52.5	51.9	51.9	52.4	53.5	" 8-12
" 13-17	47.2	47.1	45.9	45.2	45.7	45.7	45.5	45.6	46.1	47.7	49.2	50.4	50.7	51.9	51.4	50.9	50.5	49.3	47.5	46.4	45.4	44.6	43.7	42.7	41.7	47.2	" 13-17
" 18-22	46.4	46.4	46.3	46.0	45.7	45.8	45.7	45.8	46.2	46.8	47.8	48.6	49.3	49.7	49.1	49.0	48.3	48.0	47.9	47.7	47.2	47.0	46.5	46.1	46.4	47.2	" 18-22
" 23-27	42.9	43.5	43.2	43.2	42.9	42.6	42.8	42.8	42.5	43.9	45.8	46.4	46.5	46.0	45.9	44.8	44.3	42.9	42.6	40.9	40.1	39.9	40.3	40.0	39.8	43.1	" 23-27
Nov. 28-1	42.7	43.4	43.4	43.1	43.4	43.8	43.4	43.3	43.2	44.5	45.7	47.2	48.2	49.1	48.4	47.9	46.5	45.2	44.9	44.8	45.1	45.0	44.8	44.5	44.5	45.1	Nov.
" 2-6	42.3	42.0	41.6	41.1	40.7	40.7	40.7	40.5	40.6	41.8	43.9	44.7	45.3	45.9	45.4	44.6	43.4	42.4	42.3	42.6	42.0	42.2	42.1	42.2	42.1	42.7	" 2-6
" 7-11	43.9	43.3	43.0	42.5	42.4	43.5	43.4	44.1	44.3	45.2	46.0	46.7	47.1	46.9	46.8	46.6	46.7	46.0	45.3	44.0	43.7	43.1	42.8	42.5	42.1	43.5	" 7-11
" 12-16	43.1	42.9	42.5	42.3	41.8	40.8	40.3	40.3	42.0	43.1	44.0	45.0	46.0	46.6	47.1	46.9	45.4	44.4	44.3	44.0	43.7	43.1	42.8	42.5	42.1	43.5	" 12-16
" 17-21	46.0	46.3	46.9	46.6	45.8	45.7	45.5	45.3	45.4	46.6	46.7	48.0	48.6	49.5	49.4	48.7	47.3	45.4	44.4	44.2	43.6	43.9	43.2	42.8	42.6	46.3	" 17-21
" 22-26	39.7	39.1	39.6	40.0	39.3	39.7	40.3	40.4	40.0	40.2	39.7	40.1	40.5	40.7	40.4	40.0	40.4	40.2	40.1	39.7	40.4	39.0	38.4	37.8	37.4	39.7	" 22-26
Dec. 27-1	33.0	32.4	32.2	32.4	32.0	32.1	33.0	33.8	33.8	34.0	35.1	35.6	37.3	38.4	38.8	39.0	38.4	38.3	38.1	37.7	37.4	37.6	37.3	37.4	37.0	35.7	Dec.
" 2-6	42.5	42.3	42.4	42.2	41.7	42.1	42.0	41.9	42.2	42.2	42.4	42.4	42.7	42.8	42.8	42.8	42.5	42.1	41.6	41.5	40.6	40.5	39.9	40.1	39.9	41.9	" 2-6
" 7-11	39.9	39.8	39.6	39.4	38.9	38.6	38.6	38.9	38.9	39.4	39.2	39.6	39.7	39.7	39.9	39.9	39.9	39.9	39.9	40.5	40.0	41.1	40.9	40.8	39.9	39.9	" 7-11
" 12-16	37.4	37.3	37.3	37.5	37.7	37.3	37.3	37.6	37.4	37.8	38.1	38.7	38.6	39.0	38.8	38.1	38.1	38.1	37.9	37.6	37.8	37.7	37.7	37.6	37.2	37.8	" 12-16
" 17-21	34.9	33.8	34.0	34.2	34.5	34.4	33.6	33.3	33.2	34.5	34.7	34.5	34.7	34.5	33.5	33.1	32.1	31.7	31.3	31.7	31.6	31.8	31.8	32.2	31.2	32.9	" 17-21
" 22-26	33.7	33.9	34.0	35.4	35.0	34.9	34.7	34.7	34.4	34.8	35.2	36.3	36.8	37.0	37.4	37.8	37.4	36.9	36.7	37.2	36.7	37.0	37.4	37.7	37.5	36.0	" 22-26
" 27-31	38.3	38.2	38.0	38.0	37.6	37.6	37.9	38.2	38.0	38.2	38.1	37.9	38.4	38.3	38.2	38.5	38.4	38.7	38.3	38.4	38.6	38.5	38.4	38.1	38.2	38.2	" 27-31

TABLE III.

HOURLY and DAILY MEAN DIFFERENCE between the DRY and WET-BULB THERMOMETERS for FIVE-DAY PERIODS.

ABERDEEN OBSERVATORY

- - - - - LAT. 57° 10' N. LONG. 2° 6' W.

Five-day Periods.	A.M.												Noon.	P.M.												Midt. Means (Five Days).	Five-day Periods.
	Midt.													Midt.													
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.		12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.		
1890. Jan. 1-5 " 6-10 " 11-15 " 16-20 " 21-25 " 26-30 Feb. 31-4 " 5-9 " 10-14 " 15-19 " 20-24 " 25-1 March 2-6 " 7-11 " 12-16 " 17-21 " 22-26 " 27-31 April 1-5 " 6-10 " 11-15 " 16-20 " 21-25 " 26-30 May 1-5 " 6-10 " 11-15 " 16-20 " 21-25 " 26-30 June 31-4 " 5-9 " 10-14 " 15-19 " 20-24 " 25-29	2.5 2.2 2.1 2.4 2.7 1.6 3.5 2.2 1.5 3.1 1.8 1.6 1.9 2.1 2.6 2.3 2.0 1.4 1.5 1.7 1.1 3.7 2.6 1.2 1.1 0.4 1.2 1.1 1.8 2.3 1.2 1.1 0.4 2.2 2.2 1.9 3.6 2.2 1.9 2.4 2.5 2.4 2.5 2.2																										

TABLE III.—HOURLY and DAILY MEAN DIFFERENCE BETWEEN the DRY and WET-BULB THERMOMETERS for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.	A.M.											Noon.	P.M.								Midt.	Daily Means (Five Days).	Five-day Periods.			
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.		12.	13.	14.	15.	16.	17.	18.	19.				20.	21.	22.
1890. July 30-4	0.9	2.1	2.0	1.9	2.1	2.1	2.1	2.6	3.0	3.8	4.2	4.7	4.3	4.6	4.6	4.4	4.5	4.1	4.0	3.3	2.6	2.3	2.0	1.8	3.1	July 30-4	
" 5-9	2.1	1.7	2.0	1.9	2.4	2.7	3.4	4.0	3.9	5.1	4.8	5.0	5.2	5.2	5.1	4.9	4.7	5.0	4.5	3.6	3.0	2.6	2.2	2.0	3.6	" 5-9	
" 10-14	2.0	1.8	1.8	1.7	1.9	2.1	2.7	2.6	3.2	3.6	4.2	4.8	5.1	5.4	6.1	7.1	7.0	6.0	5.3	4.8	3.6	3.1	2.5	2.2	3.6	" 10-14	
" 15-19	1.6	1.5	1.2	1.3	1.8	2.3	2.9	3.6	4.0	3.9	4.3	3.9	3.9	4.8	4.1	3.2	3.1	3.2	2.9	2.5	2.0	1.7	1.3	1.7	2.8	" 15-19	
" 20-24	3.5	3.2	3.2	2.9	3.5	4.3	4.7	5.2	5.1	5.6	6.3	6.3	6.1	6.1	7.8	8.0	6.5	5.7	5.6	5.1	4.2	4.5	3.4	3.6	4.9	" 20-24	
" 25-29	2.6	2.6	2.9	2.7	3.0	2.8	3.3	4.0	5.2	6.0	7.2	6.7	6.7	5.8	6.0	5.8	6.0	6.6	6.2	5.4	5.0	3.0	2.6	2.4	4.4	" 25-29	
Aug. 30-3	2.1	1.7	2.0	2.0	2.1	2.6	3.1	3.6	5.0	6.0	6.7	7.1	7.1	7.6	7.6	6.9	5.4	5.2	4.2	3.2	2.9	2.6	2.4	2.1	4.1	Aug. 30-3	
" 4-8	2.0	1.9	1.8	1.6	1.5	1.7	2.5	3.4	4.3	5.1	5.8	6.3	6.3	6.2	6.6	6.4	5.9	5.8	4.2	3.8	2.7	2.4	2.1	2.1	3.8	" 4-8	
" 9-13	1.1	1.2	1.2	1.2	1.4	1.5	1.6	1.8	2.3	2.7	3.1	3.5	3.5	3.3	3.3	3.0	2.4	2.4	2.1	1.8	1.6	1.4	1.3	1.4	2.0	" 9-13	
" 14-18	2.8	2.0	3.1	2.8	2.4	2.3	2.3	2.3	3.3	4.1	4.3	5.0	5.4	5.4	5.8	4.1	4.2	3.9	3.7	3.1	2.8	2.6	2.5	2.4	2.9	3.3	" 14-18
" 19-23	2.6	2.4	2.5	2.4	2.3	2.3	2.8	3.3	3.1	4.3	5.4	5.3	5.3	5.2	5.4	5.2	4.6	4.8	3.8	3.4	2.9	2.7	2.6	2.3	3.6	" 19-23	
" 24-28	1.4	1.3	1.4	1.4	1.6	1.4	2.3	2.9	3.7	3.4	3.6	4.0	4.9	4.0	4.0	3.9	3.8	3.3	2.8	2.1	1.9	1.8	1.7	1.6	2.7	" 24-28	
Sept. 29-2	1.5	1.4	1.3	1.2	1.2	1.3	2.3	2.7	3.1	3.3	4.1	4.4	4.4	4.8	4.9	4.8	4.9	5.1	4.0	2.7	1.9	1.8	1.5	1.6	1.4	2.7	Sept. 29-2
" 3-7	1.5	1.7	1.7	1.4	1.6	2.0	2.7	3.2	4.3	4.5	5.9	6.0	6.3	6.1	6.4	6.3	5.7	5.2	4.4	3.0	2.5	2.3	2.2	2.0	1.7	3.4	" 3-7
" 8-12	2.9	2.8	2.5	2.3	2.9	2.9	3.6	3.6	4.3	5.1	6.3	6.9	6.9	7.0	6.9	6.3	5.4	5.4	4.4	3.8	3.1	3.4	3.3	3.0	2.5	4.1	" 8-12
" 13-17	1.2	0.9	1.0	1.2	1.1	1.1	1.4	1.7	2.2	2.9	3.2	3.2	3.2	3.3	3.2	3.2	3.2	2.5	2.3	2.0	1.7	1.6	1.3	1.3	2.0	" 13-17	
" 18-22	1.3	1.2	1.1	1.1	1.2	1.1	1.1	1.1	1.3	1.5	2.0	2.2	2.2	2.2	2.3	2.3	2.3	1.8	1.7	1.4	1.6	1.6	1.4	1.5	1.6	" 18-22	
" 23-27	2.8	2.4	2.2	2.4	2.2	2.4	2.6	2.8	3.2	3.9	5.4	5.6	5.7	6.2	6.7	6.0	6.3	5.3	4.8	3.8	3.5	2.9	2.7	3.2	2.7	3.9	" 23-27
Oct. 28-2	2.6	2.8	2.9	2.7	2.7	2.8	2.8	3.2	3.6	3.6	4.1	4.5	4.5	4.6	3.9	3.6	3.6	3.6	3.0	2.9	3.5	3.4	3.1	2.7	2.5	3.2	Oct. 28-2
" 3-7	3.2	2.9	3.1	3.2	3.4	2.6	3.7	3.9	4.5	5.6	6.0	6.3	6.3	7.0	6.9	6.0	6.2	5.4	4.4	3.7	3.6	3.2	3.6	3.3	3.3	4.3	" 3-7
" 8-12	2.5	2.3	2.0	2.1	2.0	1.9	1.1	1.7	2.9	3.9	5.2	5.5	5.5	5.4	5.8	5.0	4.8	3.7	3.3	3.0	2.7	2.5	2.6	2.3	2.5	3.1	" 8-12
" 13-17	2.7	2.4	2.0	1.7	1.4	1.6	1.9	2.1	2.0	3.6	3.9	3.8	3.8	4.1	3.8	3.8	3.3	3.1	2.5	2.7	2.3	2.4	2.7	2.6	2.7	2.7	" 13-17
" 18-22	1.7	1.8	1.6	1.5	1.6	1.4	1.4	1.6	1.7	2.0	2.7	3.0	3.2	3.2	2.6	2.3	1.7	2.0	2.0	1.9	1.9	1.9	1.7	1.5	1.6	1.9	" 18-22
" 23-27	2.2	2.5	2.6	2.3	2.1	2.3	2.3	2.1	2.6	3.2	3.6	3.3	3.3	3.2	3.3	2.9	3.0	2.8	2.9	2.0	1.8	2.1	2.5	2.2	2.1	2.6	" 23-27
Nov. 28-1	1.8	2.0	2.1	2.1	2.3	2.3	2.4	2.0	2.4	2.6	3.3	3.6	3.6	3.9	3.6	3.5	2.8	2.7	2.6	2.7	2.6	2.3	2.3	2.0	1.8	2.5	Nov. 28-1
" 2-6	1.4	1.5	1.4	1.3	1.5	1.6	1.3	1.4	1.9	2.8	2.9	3.1	3.5	3.3	3.3	3.0	3.1	2.6	2.7	2.1	1.7	1.5	1.6	1.5	1.4	2.1	" 2-6
" 7-11	1.9	1.8	1.9	2.4	2.6	2.0	2.1	2.2	2.4	2.7	2.5	2.9	2.9	3.1	3.3	2.7	3.1	2.6	2.6	2.3	2.2	2.4	2.0	1.9	2.5	2.5	" 7-11
" 12-16	1.8	1.8	2.0	1.7	1.7	1.6	1.6	1.7	1.9	2.4	2.8	3.1	2.8	2.8	3.0	2.4	2.1	2.1	2.0	1.8	1.7	1.4	1.3	1.5	1.7	1.9	" 12-16
" 17-21	2.0	1.9	1.8	1.5	1.4	1.5	1.4	1.8	2.1	2.0	2.5	2.9	2.9	3.6	3.6	3.2	3.0	2.3	2.2	2.0	1.8	1.8	2.2	2.3	2.2	2.2	" 17-21
" 22-26	2.2	1.8	2.2	2.8	2.6	2.8	3.3	3.8	3.5	3.5	3.2	3.4	3.6	3.7	3.7	3.4	3.5	3.4	3.3	2.9	3.2	2.3	2.1	2.0	1.6	2.9	" 22-26
Dec. 27-1	1.3	1.4	1.4	1.2	1.0	1.3	1.4	1.3	1.3	1.7	1.7	2.0	2.0	2.3	2.4	2.4	2.1	2.3	2.2	1.9	1.7	1.6	1.4	1.4	1.3	1.7	Dec. 27-1
" 2-6	2.6	2.9	2.7	2.1	3.0	2.6	2.8	3.2	3.0	3.1	2.8	2.7	2.4	2.5	3.0	3.1	3.0	2.6	2.7	2.4	2.9	2.6	2.6	2.6	2.6	2.8	" 2-6
" 7-11	2.5	2.4	2.3	2.2	1.9	2.0	2.1	2.2	2.4	2.5	2.3	1.9	1.6	1.7	1.5	1.6	1.6	2.3	2.1	1.9	2.1	2.6	2.8	2.7	2.5	2.2	" 7-11
" 12-16	2.3	2.3	2.3	2.3	2.1	1.9	2.0	2.1	2.2	2.3	2.4	2.3	2.3	2.6	2.6	2.4	2.5	2.6	2.6	2.8	2.8	3.1	3.1	3.1	3.0	2.4	" 12-16
" 17-21	3.0	2.4	2.7	1.9	2.2	2.1	2.0	1.6	1.7	1.3	1.2	1.7	1.7	1.9	1.8	1.9	1.8	1.8	1.5	2.2	2.3	2.4	2.5	2.5	2.2	2.0	" 17-21
" 22-26	1.5	1.7	1.7	1.8	1.7	1.7	1.7	1.6	1.8	2.0	2.2	2.5	2.5	2.5	2.5	2.5	2.3	2.2	2.0	1.8	1.5	1.6	1.8	2.1	2.1	2.0	" 22-26
" 27-31	3.2	3.0	2.9	2.8	3.1	3.3	3.6	3.5	3.7	3.4	3.4	3.3	3.3	3.1	3.1	3.1	3.4	3.5	3.1	3.3	3.6	3.5	3.0	3.1	3.3	3.3	" 27-31

TABLE IV.—MEAN HOURLY and DAILY WIND
ABERDEEN OBSERVATORY

Five-day Periods.	A.M.																						Noon	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1890.																								
Jan. 1-5	-10'4	+1'4	-11'0	+0'4	-12'6	+0'9	-11'0	+4'5	-12'5	+1'5	-12'0	+0'4	-13'9	+0'6	-15'5	-2'3	-17'4	+0'8	-14'0	+1'6	-17'3	+3'6	-14'0	+0'6
" 6-10	-13'3	-5'4	-15'6	-3'2	-14'5	-4'4	-13'3	-2'6	-12'5	-5'9	-9'2	-2'5	-9'6	-1'4	-10'6	-4'7	-9'1	-5'8	-9'1	-6'4	-9'0	-3'1	-11'6	-6'1
" 11-15	-9'3	-4'2	-10'3	-0'8	-11'0	-1'5	-9'1	-5'3	-11'2	-5'7	-11'5	-3'2	-12'2	-6'6	-9'6	-6'0	-10'8	-8'9	-13'5	-3'4	-10'6	-4'8	-12'5	-4'5
" 16-20	-18'7	+1'7	-21'3	-1'2	-20'5	+1'4	-18'8	-0'8	-19'8	+0'5	-18'8	+1'9	-18'2	+2'6	-19'9	-2'7	-20'1	+0'1	-18'2	-1'1	-20'7	-4'8	-19'8	-4'9
" 21-25	-20'3	+0'9	-8'3	-0'2	-6'2	+0'2	-3'5	0'0	-4'6	-0'5	-5'6	-1'8	-5'3	-2'9	-5'9	-4'9	-4'1	-6'5	-1'7	-6'4	-6'0	-6'4	-8'9	-6'9
" 26-30	-7'3	-13'5	-8'1	-12'8	-8'3	-11'8	-6'4	-8'3	-4'6	-11'7	-2'8	-13'0	-1'5	-13'1	-0'5	-12'0	-1'7	-10'4	-0'2	-13'6	-4'8	-10'7	-2'2	-13'2
Feb. 31-4	-6'6	-3'8	-5'8	-3'3	-3'8	-2'9	-5'4	-1'3	-5'9	-5'0	-3'6	-3'0	-6'3	-3'3	-5'4	-3'3	-6'7	-6'1	-7'9	-5'2	-6'3	-6'0	-9'9	-9'1
" 5-9	-2'8	-2'3	-1'6	-1'1	-3'4	-2'1	-2'6	-1'4	-3'7	-1'1	-2'9	-2'3	-4'8	+0'6	-4'8	-0'6	-4'7	-2'1	-6'0	+0'2	-6'7	-2'6	-5'5	-1'3
" 10-14	-14'8	+8'0	-14'0	+6'2	-13'0	+5'5	-13'2	+6'1	-11'6	+8'0	-13'1	+9'6	-13'3	+9'3	-13'0	+9'3	-14'2	+9'4	-15'3	+7'0	-15'2	+8'3	-15'6	+8'5
" 15-19	-6'7	+17'8	-8'7	+15'9	-8'6	+14'9	-7'5	+15'7	-8'0	+17'0	-10'1	+14'5	-9'3	+13'2	-10'3	+15'5	-10'5	+15'9	-11'6	+15'8	-12'1	+15'5	-13'3	+18'2
" 20-24	-5'9	+3'6	-5'8	+3'7	-5'4	+3'5	-5'7	+3'9	-5'0	+3'3	-4'9	+2'8	-4'8	+1'7	-4'3	+2'3	-3'1	+0'9	-3'2	+0'8	-2'6	+0'5	-3'3	+1'8
" 25-1	+12'4	-5'8	+14'4	-6'4	+13'2	-7'5	+12'1	-8'9	+10'4	-8'3	+10'6	-7'0	+9'8	-6'8	+12'0	-6'5	+11'9	-5'0	+13'6	-5'5	+14'6	-4'4	+15'7	-4'8
March 2-6	+0'4	-4'8	+3'6	-6'9	+1'7	-8'0	+0'4	-7'9	-0'9	-10'9	-2'0	-10'9	+4'8	-10'5	+2'1	-13'8	+2'6	-15'5	-0'2	-12'6	+0'2	-13'2	-1'2	-16'0
" 7-11	-4'7	-10'6	-6'1	-10'3	-6'1	-12'1	-6'5	-10'8	-5'6	-10'7	-2'8	-9'9	-0'6	-9'1	-0'8	-10'1	-0'1	-8'9	+3'5	-10'6	-0'6	-9'2	+0'4	-8'4
" 12-16	-15'0	-1'9	-16'0	-0'9	-19'6	-2'0	-17'9	-2'2	-19'5	-3'5	-18'4	-1'9	-18'5	+1'5	-17'8	+2'1	-18'7	+1'5	-20'8	-0'3	-19'6	-0'1	-19'7	-1'4
" 17-21	-3'5	+4'6	-1'0	+5'0	-2'0	+2'5	-3'5	+3'1	-0'8	+0'8	-0'2	-0'3	+2'7	-1'9	+2'8	-0'9	+2'5	+0'2	+2'6	+0'1	+4'0	+3'7	+4'7	+4'1
" 22-26	-7'8	+4'4	-6'2	+3'5	-5'4	+4'6	-5'3	+7'2	-5'1	+5'2	-3'1	+6'5	-3'4	+6'3	-4'5	+6'3	-5'0	+4'7	-4'8	+2'7	-4'3	+3'7	-5'0	+3'9
" 27-31	-1'1	-5'1	-1'6	-4'8	-1'1	-2'9	-2'6	-3'5	-2'9	-4'2	-5'9	-5'8	-5'6	-5'7	-5'8	-7'7	-3'8	-10'0	-2'9	-13'1	-1'2	-14'3	-1'1	-14'9
April 1-5	-0'1	-3'4	-0'3	-3'3	-0'8	-2'0	0'0	0'0	-1'9	-2'6	-1'0	-2'1	-0'9	-3'0	-1'2	-3'6	-3'2	-1'4	-3'7	-0'6	-5'1	+3'1	-7'3	+5'4
" 6-10	-0'2	-9'8	+0'8	-10'2	+2'3	-10'3	+3'4	-11'0	+1'9	-13'3	+4'4	-12'9	+6'1	-12'7	+10'6	-16'6	+11'4	-14'4	+16'1	-13'5	+17'6	-10'5	+14'7	-7'7
" 11-15	+0'9	-4'2	+0'1	-3'8	+1'0	-4'0	+2'5	-3'0	+1'5	-2'8	+0'9	-2'5	+1'7	-4'7	+2'3	-4'8	+1'8	-2'8	+2'0	+3'8	-0'6	+5'2	-2'1	+7'9
" 16-20	+1'7	+9'7	+1'7	+11'4	+3'4	+10'3	+1'5	+9'1	+1'5	+9'4	+1'6	+7'9	-0'6	+9'4	-0'9	+9'4	-1'4	+9'9	-3'5	+12'5	-2'8	+11'6	-4'3	+12'3
" 21-25	-5'5	-4'6	-6'4	-0'3	-6'5	-1'1	-5'5	-0'1	-5'3	+1'2	-8'2	+2'1	-7'3	-0'6	-10'1	-2'9	-8'7	-7'2	-5'3	-7'7	-10'8	-5'9	-8'8	-3'5
" 26-30	+3'2	-4'1	+3'4	-3'3	+3'3	-5'7	+4'0	-3'0	+4'2	-4'9	+4'6	-3'7	+5'4	-4'9	+8'6	-6'9	+6'5	-3'4	+5'7	-3'7	+5'5	-3'9	+5'0	-3'3
May 1-5	+1'3	-3'0	+0'7	-2'5	+1'9	-3'3	+1'5	-4'5	+2'8	-5'1	+2'3	-3'7	+1'2	-4'3	+1'3	+1'1	+1'7	-0'4	+1'1	+2'1	+1'9	+5'2	+3'0	+7'7
" 6-10	+2'9	-0'9	+3'6	+1'1	+3'0	+0'3	+4'1	+1'1	+4'8	+1'7	+5'6	+2'2	+4'5	+3'2	+4'2	+4'1	+2'7	+4'7	+3'1	+4'5	+3'1	+8'3	+3'7	+9'0
" 11-15	-3'6	+0'7	-1'7	+1'1	-2'3	0'0	-2'8	-2'1	-1'9	-3'9	-4'9	-2'1	-5'1	+1'2	-5'0	+1'0	-5'9	+0'1	-5'5	+1'0	-6'3	+1'7	-8'2	+0'7
" 16-20	-1'4	+2'4	-1'9	+0'3	+0'2	+3'0	-1'1	+1'1	-2'4	+2'7	-3'5	+3'3	-5'8	+6'6	-5'6	+6'6	-6'9	+6'7	-6'0	+5'8	-5'7	+6'8	-6'6	+7'5
" 21-25	-4'8	+0'2	-3'5	+0'4	-3'3	+0'6	-1'6	+0'7	-2'8	+1'9	-1'8	+0'9	-2'6	+2'0	-3'1	+2'2	-4'6	+3'6	-2'9	+4'8	-2'4	+6'9	-4'0	+8'0
" 26-30	+6'1	-8'3	+5'6	-9'8	+5'6	-9'5	+6'6	-11'2	+5'8	-10'1	+7'4	-10'3	+7'9	-11'6	+9'8	-8'5	+12'3	-9'6	+14'1	-9'3	+13'9	-8'8	+14'4	-7'9
June 31-4	-6'9	-7'2	-6'2	-6'3	-4'8	-8'6	-5'6	-6'6	-4'1	-8'8	-2'6	-10'0	-3'5	-7'3	-6'2	-10'5	-5'0	-7'8	-5'6	-4'7	-8'3	-3'4	-9'2	-2'0
" 5-9	-5'1	-0'6	-4'7	+0'9	-4'8	-0'2	-5'5	-0'9	-6'4	-1'9	-7'8	-1'8	-5'3	-4'1	-5'7	-2'3	-6'7	-0'8	-7'6	-0'6	-7'2	-1'7	-3'1	-3'7
" 10-14	+7'2	+2'2	+6'7	+0'9	+7'3	+1'6	+7'5	+2'5	+7'2	+3'0	+5'4	+3'5	+5'2	+3'7	+5'3	+6'5	+4'9	+5'0	+6'3	+6'2	+7'4	+3'8	+8'6	+3'8
" 15-19	+1'0	-1'0	+0'3	-5'5	+0'9	-7'8	-1'5	-6'9	-2'9	-6'9	-0'8	-6'8	-4'5	-4'8	-3'1	-6'1	-3'7	-5'2	-5'1	-5'5	-4'8	-5'8	-3'3	-1'9
" 20-24	-3'6	-1'8	-2'9	-3'2	-3'0	-1'7	-2'7	-0'6	-1'8	0'0	-5'3	-2'2	-6'1	-4'9	-7'2	-6'9	-4'5	-7'3	-3'6	-6'8	-1'4	-9'1	-3'4	-5'5
" 25-29	-6'9	-1'6	-2'0	-2'6	-3'4	-2'6	-2'7	-2'5	-3'1	-0'2	-2'9	-4'8	+0'5	-5'4	-0'1	-5'9	+0'2	-2'4	-2'4	-1'9	+0'4	-1'5	-0'6	+1'3

COMPONENTS for FIVE-DAY PERIODS.

LAT. 57° 10' N. LONG. 2° 6' W.

P.M.																						Midl.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.			
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
-11'9	-0'7	-13'0	-1'0	-11'9	-0'7	-9'6	-2'9	-11'4	-1'3	-17'0	-1'1	-14'2	0'0	-14'6	-0'5	-14'3	+0'8	-15'1	+0'4	-16'3	-1'3	-14'0	-1'5	-13'5	+0'2
-9'2	-6'1	-9'1	-3'5	-10'2	-2'6	-14'0	-2'1	-15'0	-2'3	-13'0	0'0	-14'4	+1'0	-10'3	+1'1	-12'8	+3'6	-14'4	-1'1	-15'2	-3'0	-15'3	-2'9	-12'1	-2'9
-13'1	-3'3	-13'4	-1'7	-11'2	-3'2	-14'8	-4'3	-13'5	-4'5	-14'9	-4'6	-16'0	-3'2	-13'6	-4'0	-11'4	-5'0	-11'3	-5'7	-11'2	-6'2	-8'7	-6'3	-11'9	-4'4
-17'6	-4'6	-17'8	-5'4	-15'4	-5'2	-18'4	-1'7	-19'8	-0'5	-18'3	-0'1	-19'5	+4'6	-18'3	+1'8	-18'8	-0'1	-18'7	+0'6	-17'2	-0'7	-16'9	-4'3	-18'9	-1'0
-7'8	-8'2	-10'0	-8'0	-10'1	-4'4	-12'0	-4'2	-14'4	-7'9	-11'7	-3'5	-12'8	-4'9	-9'9	-4'1	-9'6	-5'4	-10'3	-5'4	-11'2	-7'0	-11'0	-1'6	-8'4	-4'2
-2'5	-14'9	-2'3	-14'7	-2'5	-13'1	-0'3	-8'6	-2'1	-7'3	-2'3	-8'2	-2'9	-7'4	-2'3	-6'5	-4'4	-8'0	-4'6	-8'7	-2'8	-7'5	-2'9	-8'8	-3'4	-10'7
-6'1	-6'0	-4'0	-8'4	-6'5	-9'6	-5'0	-7'0	-2'4	-5'4	-5'0	-3'5	-5'5	-4'0	-5'9	-2'6	-5'6	-3'5	-5'8	-2'8	-5'6	-2'0	-6'6	-4'1	-5'7	-4'6
-5'1	-0'5	-6'0	-0'2	-6'2	-0'2	-6'4	-0'6	-7'1	+0'6	-4'4	-0'8	-5'4	-3'4	-4'9	-2'2	-5'1	-1'7	-5'3	0'0	-5'3	-0'1	-4'8	-1'8	-4'8	-1'1
-15'3	+9'3	-15'8	+8'9	-14'2	+10'6	-15'6	+8'4	-14'6	+8'5	-13'2	+7'7	-15'0	+7'5	-13'3	+8'2	-14'2	+5'5	-13'3	+5'3	-13'8	+5'3	-13'9	+7'5	-14'1	+7'8
-14'4	+19'7	-11'2	+17'6	-13'0	+18'6	-12'3	+18'1	-10'2	+18'9	-10'8	+18'8	-9'5	+17'2	-12'8	+17'5	-10'7	+17'6	-10'2	+19'0	-8'6	+18'5	-9'5	+18'5	-10'4	+17'1
-2'8	+0'5	-4'0	+1'1	-3'0	+1'4	-2'2	+1'8	-2'6	+3'1	-3'4	+3'0	-2'9	+2'4	-1'5	+0'4	-1'2	+0'8	-2'1	-0'3	-2'0	-1'2	+0'1	-0'5	-3'4	+1'7
+13'7	-2'8	+11'7	-3'8	+13'6	-3'8	+12'2	-5'0	+10'2	-1'6	+7'9	-2'8	+7'2	-4'7	+5'5	-3'2	+7'0	-1'5	+6'2	-2'8	+8'2	-4'7	+8'1	-7'5	+10'9	-5'0
-2'2	-13'0	-2'3	-10'6	-0'7	-11'7	+0'3	-17'4	-2'2	-17'2	-0'7	-16'0	+1'2	-17'1	+5'3	-11'6	+3'1	-10'7	+1'1	-8'8	-0'1	-7'2	-1'0	-9'3	+0'5	-11'7
-1'5	-8'1	-0'6	-7'4	-0'7	-2'5	-0'7	+1'4	+3'6	+2'2	+4'7	+5'4	+2'9	-1'0	+1'8	-2'9	+3'2	-3'8	+2'9	-5'0	-1'4	-1'8	-4'1	-7'7	-0'8	-6'3
-17'5	-0'1	-19'1	-2'4	-19'0	+0'6	-17'1	-0'2	-17'2	+0'7	-16'4	+1'2	-13'7	+1'0	-14'5	+2'7	-13'5	+3'0	-16'5	+1'1	-16'2	+2'0	-17'0	+1'9	-17'5	+0'1
+4'7	+2'3	+2'9	+4'4	+0'7	+5'2	+0'2	+4'2	-1'8	+4'3	-2'1	+5'3	-2'4	+4'8	-3'0	+3'6	-1'3	+3'7	-0'9	+3'3	-1'6	+3'8	-3'3	+3'4	0'0	+2'9
-5'8	+4'0	-6'1	+3'2	-5'6	+3'1	-6'1	+4'2	-6'6	+3'1	-5'3	+4'2	-4'6	+2'6	-6'2	+0'3	-4'9	+3'2	-6'9	+1'3	-7'0	+3'0	-6'5	+3'9	-5'5	+4'0
-1'0	-12'5	-1'6	-10'9	-2'7	-9'3	-4'2	-9'6	-4'2	-7'9	-1'1	-7'0	+0'8	-6'1	-0'9	-6'2	-0'7	-3'6	-1'9	-3'6	-3'1	-4'2	-2'6	-4'6	-2'4	-7'3
-7'2	+6'7	-8'3	+4'0	-11'7	+4'5	-6'5	+4'8	-8'1	+3'7	-8'4	+1'4	-6'0	-1'8	-4'1	-2'5	-4'3	-0'6	-4'7	-1'5	-1'8	-3'0	-2'9	-2'9	-4'1	0'0
+12'4	-10'0	+12'7	-7'1	+13'4	-7'6	+12'4	-10'3	+8'9	-12'0	+8'8	-12'0	+4'8	-9'6	+3'8	-9'1	+4'1	-11'5	+4'5	-14'0	+6'5	-14'2	+5'5	-14'7	+7'8	-11'5
-1'3	+8'6	-1'7	+7'2	-3'0	+7'7	-3'2	+7'2	-3'0	+5'2	-1'6	+5'8	-2'4	+4'5	-2'0	+4'4	-1'9	+1'6	-1'4	+2'2	-2'9	+3'5	-2'5	+2'2	-0'6	+1'8
-4'1	+12'5	-3'4	+13'6	-4'4	+12'7	-4'1	+13'1	-2'8	+13'4	-3'8	+12'1	-2'7	+9'4	-3'6	+10'2	-2'9	+8'4	-3'4	+7'6	-2'2	+6'4	-2'1	+6'6	-1'7	+10'4
-11'2	-5'4	-10'7	-4'7	-8'8	-5'4	-7'2	-6'0	-4'9	-5'6	-2'4	-7'0	-2'6	-6'9	-3'0	-6'0	-3'0	-5'6	-3'8	-4'0	-5'0	-5'0	-4'8	-7'0	-6'5	-4'1
+4'7	-2'5	+4'0	-1'8	+3'3	-3'0	+3'4	-1'6	+2'7	-1'2	+3'5	-1'0	+5'1	-4'0	+2'0	-2'3	+1'5	-1'0	-0'4	-2'9	+0'6	-2'8	+0'6	-2'0	+3'8	-3'2
+1'8	+10'0	-0'1	+10'8	-2'1	+9'1	-1'2	+8'2	-0'4	+7'5	+0'2	+6'1	+0'6	+2'7	+1'7	+2'2	+2'1	+1'4	-0'6	+3'1	+2'1	+2'9	+1'5	+2'1	+1'1	+2'3
+2'2	+9'1	+3'5	+10'1	+2'8	+10'9	+4'1	+8'2	+4'3	+6'9	+3'6	+8'0	+4'1	+6'4	+4'6	+4'7	+2'5	+3'8	+1'1	+3'0	-1'8	+2'0	-1'5	+2'3	+3'1	+4'8
-8'3	+3'8	-8'1	+3'2	-6'0	+1'4	-5'0	+3'3	-5'1	+0'6	-5'4	+1'9	-6'3	+2'5	-7'6	+2'7	-4'3	-0'3	-4'3	-2'1	-4'5	-1'7	-5'6	-0'5	-5'2	+0'6
-5'3	+8'3	-5'5	+6'6	-6'4	+5'8	-4'6	+7'2	-6'2	+5'4	-7'7	+3'0	-7'0	+3'0	-5'8	+3'1	-5'1	+2'4	-4'4	+4'0	-4'6	+4'0	-4'4	+4'3	-4'7	+4'6
-4'2	+6'1	-4'6	+5'9	-3'2	+9'0	-3'9	+7'9	-4'1	+6'6	-3'8	+6'2	-3'0	+1'6	+0'5	-0'7	+0'3	-1'4	+2'2	+0'2	+2'8	0'0	+1'2	+0'8	-2'4	+3'1
+13'3	-11'9	+13'4	-10'5	+14'0	-10'8	+13'0	-11'1	+12'6	-10'6	+9'4	-11'9	+9'5	-10'0	+6'6	-7'9	+7'1	-8'4	+5'8	-9'1	+4'4	-9'0	+5'0	-10'7	+9'3	-9'9
-5'6	-4'9	-3'7	-4'9	-1'2	-7'3	-3'5	-7'9	-4'7	-6'2	-7'8	-5'6	-7'2	-5'2	-6'5	-5'3	-8'3	-6'3	-6'1	-2'9	-9'9	-2'0	-8'5	-3'4	-5'9	-6'1
-3'9	-3'3	-4'2	-4'1	-3'2	-4'2	+0'1	-3'3	-0'8	+0'2	-0'7	-0'7	-2'3	+3'1	-2'0	+0'3	-2'1	+0'6	-3'7	+0'5	-3'1	+0'4	-2'9	-1'0	-4'1	-1'3
+8'5	+4'3	+7'8	+5'0	+8'2	+3'9	+9'1	+6'4	+10'2	+4'8	+11'1	+3'6	+8'2	+4'0	+8'0	+2'8	+7'0	+1'9	+8'5	+3'3	+9'6	+2'5	+8'8	+2'3	+7'6	+3'6
-9'2	+0'7	-11'0	+0'5	-6'0	+1'3	-6'4	-1'7	-4'9	-0'1	-2'5	-4'1	+1'0	-6'9	-0'4	-6'7	-2'2	-4'9	-1'9	-5'6	-3'5	-2'3	-2'4	-5'0	-3'3	-4'2
+0'2	-2'2	-1'5	-2'6	-1'0	-1'3	+1'6	-4'6	+2'0	-3'9	+3'7	-1'9	+1'9	-4'6	-0'3	-4'6	-2'1	-3'3	-2'6	-1'6	-4'7	-0'9	-5'9	-1'5	-2'3	-3'5
-2'6	+1'6	-2'9	+3'4	-0'6	+1'8	-2'6	-0'9	+1'0	-0'1	-1'1	+1'4	-1'0	+0'1	-0'3	-0'9	-0'4	+2'2	+0'2	+2'3	-0'3	+2'7	-1'3	-1'0	-1'2	-0'7

TABLE IV.—MEAN HOURLY and DAILY WIND

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1890.																								
July 30-4	+2.2	+4.4	+3.9	+2.5	+4.3	+2.7	+4.9	+0.6	+5.1	-1.2	+5.6	+1.4	+5.6	+1.1	+6.5	+1.7	+7.4	+5.8	+6.5	+5.4	+6.9	+3.1	+6.6	+5.7
" 5-9	+3.2	-5.5	+4.0	-7.4	+5.1	-9.7	+4.1	-12.7	+5.1	-12.9	+4.0	-13.3	+5.4	-15.6	+9.7	-16.1	+9.5	-15.7	+11.7	-14.7	+12.7	-17.8	+11.0	-14.1
" 10-14	-2.7	-3.7	-1.8	-4.5	-3.6	-4.1	-1.5	-4.0	-1.1	-5.2	-1.6	-5.3	-0.7	-6.4	-0.9	-4.5	+1.6	-7.1	+0.4	-4.7	+0.1	-2.9	-1.4	-2.2
" 15-19	-1.0	-2.8	0.0	-2.9	+0.5	-3.5	+1.3	-3.4	+0.2	-3.7	+0.3	-3.6	-1.7	-1.5	-3.3	-0.3	-2.7	+2.6	-3.5	+1.6	-4.8	+2.1	-4.9	+0.7
" 20-24	+2.6	-9.6	+1.4	-7.5	+0.6	-8.5	-1.8	-7.8	-0.6	-7.5	0.0	-6.9	+0.6	-12.2	+1.6	-11.6	+4.0	-9.3	+3.9	-10.4	+4.0	-7.7	-1.1	-4.3
" 25-29	-0.9	-4.2	-4.9	-4.0	-5.5	-4.6	-6.3	-3.6	-3.6	-4.8	-4.2	-4.9	-5.1	-2.6	-5.9	-2.6	-9.3	-4.2	-9.6	-5.0	-9.3	-4.2	-13.7	-3.5
Aug. 30-3	-4.3	-1.4	-3.7	-1.7	-3.7	-2.8	-3.0	-3.0	-0.6	-2.3	-1.8	-1.7	-2.3	-2.4	-1.9	-2.4	-2.7	-0.4	-4.1	-2.2	-7.0	-0.2	-7.7	-2.0
" 4-8	+0.4	-3.7	-0.6	-2.7	-1.2	-1.8	-1.8	-3.5	-0.5	-1.7	-0.6	-2.4	-1.6	-2.6	-3.0	-2.0	-4.3	-0.1	-4.7	-2.8	-6.3	+1.9	-9.7	+3.0
" 9-13	+4.2	+7.6	+2.7	+7.3	+4.0	+5.0	+4.7	+7.3	+4.0	+6.5	+4.8	+6.4	+5.3	+8.5	+6.0	+10.1	+6.8	+11.2	+4.2	+12.4	+3.9	+12.4	+5.6	+13.0
" 14-18	-5.3	-2.8	-6.5	-4.6	-4.5	-5.3	-5.9	-2.1	-6.3	-1.1	-5.6	-3.7	-6.3	-0.7	-6.7	+0.1	-6.8	-1.4	-4.5	-4.2	-6.8	-2.7	-6.7	-1.7
" 19-23	+0.1	-5.9	-0.2	-4.6	-2.2	-2.5	-3.7	-2.6	-2.2	-1.9	-3.0	-3.4	-2.4	-4.1	-2.2	-5.1	-2.1	-5.1	-1.5	-3.8	-3.1	-5.0	-3.7	-5.3
" 24-28	-1.5	-1.8	+1.3	-0.5	-0.2	-2.1	+1.0	-5.2	+0.3	-5.1	+1.1	-4.0	+0.6	-4.5	+0.7	-2.1	+3.2	-2.4	+2.2	-0.5	-0.2	+1.2	-0.9	0.0
Sept. 29-2	-0.7	-6.4	-0.5	-6.2	-0.4	-6.2	-1.0	-7.5	-0.7	-6.0	-0.7	-7.3	-2.0	-8.3	-0.7	-8.0	-0.3	-7.3	+0.2	-7.2	+0.4	-6.4	-0.1	-5.9
" 3-7	-1.4	-2.8	-0.8	-2.0	+0.1	-3.1	+0.7	-4.2	0.0	-1.2	-0.4	-1.9	-2.0	-0.8	-1.1	-0.4	-0.3	-4.2	-1.4	-3.1	-1.9	-0.9	-4.7	+1.2
" 8-12	-4.5	-1.9	-2.1	-2.5	-2.7	-2.9	-1.2	-2.9	-3.2	-4.1	-4.6	-6.9	-2.3	-6.2	-0.9	-5.5	+2.0	-9.0	+1.5	-9.5	+1.5	-9.7	+1.1	-10.2
" 13-17	-7.9	+2.0	-7.0	+1.3	-8.0	+2.1	-8.3	+1.7	-9.0	+3.5	-10.2	+4.2	-9.8	+5.0	-9.3	+3.9	-13.6	+6.9	-14.7	+7.3	-14.7	+5.2	-14.0	+7.9
" 18-22	-8.9	+5.7	-9.1	+6.7	-8.1	+4.9	-8.7	+5.4	-9.1	+6.6	-8.7	+6.4	-9.7	+7.1	-9.5	+7.0	-8.7	+6.3	-10.8	+7.3	-13.0	+8.4	-12.6	+8.5
" 23-27	-7.2	-3.6	-8.1	-5.6	-8.7	-4.4	-7.4	-4.2	-7.7	-6.3	-7.9	-5.9	-6.5	-3.7	-8.3	-5.3	-7.9	-6.6	-8.5	-10.1	-5.3	-8.2	-6.4	-10.2
Oct. 28-2	-1.4	-7.2	-3.5	-5.3	-2.4	-6.7	-2.4	-4.9	-2.4	-5.2	-3.9	-6.0	-4.1	-7.7	-4.1	-7.4	-3.7	-7.6	+2.6	-0.9	+0.6	-2.2	+1.9	-2.1
" 3-7	-8.1	-7.0	-8.1	-6.5	-7.0	-5.9	-6.0	-7.8	-6.0	-6.2	-3.6	-5.5	-5.7	-7.8	-2.9	-5.5	-7.1	-8.3	-6.1	-9.7	-5.2	-13.9	-3.7	-13.5
" 8-12	-6.5	-7.3	-5.0	-4.0	-3.0	-4.1	-3.5	-3.3	-2.2	-3.9	-0.2	-1.5	-0.8	-1.2	0.0	-1.6	-3.2	-2.8	-5.6	+0.6	-3.6	-1.7	-5.8	-2.1
" 13-17	-4.7	-14.9	-2.4	-13.4	-1.6	-14.4	-0.9	-16.2	+4.1	-15.6	+2.8	-16.4	+1.9	-15.5	+1.8	-12.7	-0.7	-15.4	-2.1	-14.1	-3.4	-12.6	-2.7	-10.6
" 18-22	+6.2	-5.5	+5.2	-4.1	+5.0	-3.7	+3.6	-4.7	+2.5	-4.2	+2.6	-3.3	+2.5	-3.4	+2.3	-3.6	+4.0	-3.1	+3.1	-3.3	+4.9	-4.7	+5.1	-5.5
" 23-27	-0.9	-7.2	+0.6	-8.3	-0.5	-7.4	+1.2	-7.7	+1.8	-7.7	+2.5	-9.4	+1.1	-11.6	+1.2	-10.1	+1.8	-10.8	+1.8	-11.4	+4.8	-13.9	+4.4	-15.2
Nov. 28-1	-0.4	-9.9	-1.1	-10.6	-3.7	-7.7	-3.5	-8.1	-2.0	-9.1	-3.2	-8.0	-0.3	-6.3	-3.1	-6.9	-4.6	-4.5	-4.2	-6.4	-5.8	-6.9	-4.0	-5.1
" 2-6	-3.9	-6.1	-2.8	-6.1	-4.8	-3.8	-7.2	-3.7	-4.8	-6.4	-3.2	-6.5	-1.9	-5.7	-2.3	-5.6	-2.0	-5.6	-0.7	-6.1	-1.7	-5.6	-3.1	-4.4
" 7-11	-11.9	+5.8	-9.6	+4.9	-10.9	+5.3	-12.3	+6.3	-11.2	+5.5	-11.2	+3.8	-9.9	-2.7	-6.7	+1.3	-9.9	+2.9	-11.6	+4.7	-9.5	+5.9	-9.0	+4.1
" 12-16	-4.4	-3.4	-6.0	-2.6	-4.8	-2.9	-6.3	-3.7	-6.4	-3.1	-4.6	-4.1	-5.5	-3.7	-6.4	-1.9	-8.1	-0.1	-11.2	+3.9	-13.3	+6.2	-15.2	+4.8
" 17-21	-7.7	-2.8	-8.1	-5.0	-7.0	-4.7	-7.2	-4.8	-5.7	-2.7	-9.3	-4.6	-6.2	-0.4	-6.6	-3.9	-7.1	-1.9	-5.0	-1.3	-2.9	-7.5	-3.3	-5.9
" 22-26	+1.5	-8.6	-5.3	-3.2	-4.0	+3.3	-5.8	+2.4	-4.2	+1.9	-1.5	-2.6	-1.0	-2.1	-0.3	-1.0	+1.4	-3.2	+0.6	+1.2	-0.5	-0.6	-1.7	-2.5
Dec. 27-1	-0.5	-3.0	-4.1	-5.6	-4.7	-3.1	-6.5	-3.5	-5.4	-4.8	-6.6	-5.3	-6.7	-4.8	-6.6	-6.3	-7.3	-6.0	-6.9	-5.0	-6.7	-6.5	-9.4	-5.1
" 2-6	+2.3	+3.6	+1.8	+6.0	+4.6	+4.0	+6.4	+5.6	+3.1	+3.0	+6.1	+6.0	+4.8	+4.1	+2.8	+6.7	+5.5	+5.6	+4.2	+5.5	+4.6	+5.7	+5.2	+6.3
" 7-11	-8.5	+5.7	-9.2	+5.4	-8.1	+7.2	-8.4	+6.9	-7.3	+3.5	-7.4	+3.2	-6.9	+4.5	-7.0	+2.8	-7.8	+5.0	-7.8	+3.4	-7.7	+4.5	-7.5	+5.5
" 12-16	-7.5	-0.5	-6.7	-2.4	-6.6	-2.0	-6.2	-0.9	-6.1	-4.2	-7.7	-3.2	-5.9	+1.1	-4.9	+0.4	-4.6	+1.1	-5.5	+0.7	-3.8	+3.9	-5.1	+7.5
" 17-21	-7.7	-2.2	-8.7	-2.3	-11.4	-0.4	-10.2	+1.1	-11.5	0.0	-12.3	-0.2	-8.5	-0.9	-8.6	+2.1	-7.1	+0.1	-6.1	-1.9	-6.8	-0.7	-5.4	-1.1
" 22-26	-1.9	-1.7	-2.1	-3.9	-2.6	-3.3	-2.3	-4.1	-4.3	-2.2	-3.2	-0.5	-5.3	-2.0	-8.0	-1.4	-7.9	+1.4	-6.0	0.0	-6.5	-1.3	-4.0	-2.7
" 27-31	-4.4	+19.5	-4.9	+17.6	-2.7	+18.9	-7.3	+18.9	-6.8	+15.4	-5.1	+16.8	-6.3	+18.5	-4.0	+19.9	-5.9	+19.2	-6.7	+20.9	-5.9	+18.0	-4.4	+15.9

COMPONENTS for FIVE-DAY PERIODS—continued.

P.M.																						Midt.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.			
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
+ 6'9	+ 9'2	+ 6'3	+ 6'4	+ 5'1	+ 6'2	+ 5'4	+ 6'8	+ 4'7	+ 7'6	+ 5'4	+ 5'1	+ 5'5	+ 5'0	+ 5'4	+ 4'5	+ 4'8	+ 3'2	+ 5'3	+ 2'1	+ 4'5	+ 2'3	+ 6'0	+ 0'3	+ 5'5	+ 3'8
+10'1	-14'8	+10'2	-14'9	+10'1	-16'9	+ 9'9	-14'7	+ 9'1	-15'4	+ 8'6	-15'2	+ 7'4	-11'6	+ 5'7	- 0'3	+ 4'5	- 9'2	+ 6'0	- 9'1	+ 3'0	- 9'5	- 0'3	- 7'7	+ 7'1	-12'7
- 0'4	- 1'1	- 2'6	- 1'8	- 3'8	- 6'7	- 3'1	- 5'9	- 7'0	- 5'5	- 6'3	- 4'2	- 4'9	- 3'6	- 5'7	+ 0'3	- 6'6	- 1'1	- 6'4	- 4'5	- 7'3	- 0'2	- 5'4	- 1'0	- 3'0	- 3'7
- 5'8	- 0'2	- 1'1	+ 0'9	- 3'0	+ 3'4	- 3'7	+ 2'8	- 0'6	+ 3'3	- 1'5	+ 0'9	- 0'8	+ 2'1	+ 0'7	+ 0'8	- 0'3	+ 1'5	- 0'5	+ 0'8	+ 0'4	- 2'1	+ 1'8	- 3'1	- 1'4	- 0'1
- 2'9	- 5'6	- 1'1	- 9'4	- 0'2	-11'7	+ 2'8	-10'6	+ 2'1	- 9'1	+ 0'2	- 6'7	+ 0'5	-10'1	+ 0'2	- 8'8	- 0'8	- 7'1	+ 0'8	- 9'0	+ 2'1	-10'3	+ 2'3	-11'8	+ 0'9	- 8'9
-13'4	- 2'7	-14'3	- 1'3	-13'6	- 3'0	-13'9	- 5'1	-12'7	- 6'2	-11'7	- 5'3	- 9'3	- 4'4	- 5'4	- 4'8	- 5'1	- 1'8	- 5'4	- 2'6	- 7'5	- 2'0	- 7'6	- 0'8	- 8'3	- 3'7
- 8'5	- 4'5	- 8'2	- 3'4	- 5'2	+ 0'7	- 5'0	+ 0'8	- 8'0	- 2'4	- 7'3	- 4'0	- 4'1	- 4'3	- 5'6	- 3'7	- 4'7	- 1'2	- 4'8	- 0'8	- 2'5	- 2'3	- 2'6	- 4'3	- 4'6	- 2'2
-12'7	+ 2'4	-11'0	- 0'9	-10'9	+ 1'5	-12'0	- 1'0	-11'4	- 1'7	- 9'1	- 2'2	- 7'3	- 2'5	- 7'3	- 2'3	- 5'0	- 2'7	- 3'2	- 2'2	- 2'7	- 2'0	- 0'2	- 4'6	- 5'3	- 1'5
+ 6'1	+12'5	+ 6'1	+12'7	+ 5'8	+13'4	+ 7'0	+13'5	+ 7'7	+12'1	+ 7'2	+10'2	+ 8'3	+ 8'5	+ 7'9	+ 6'9	+ 6'8	+ 7'3	+ 5'4	+ 7'1	+ 5'9	+ 5'4	+ 5'5	+ 5'8	+ 5'7	+ 9'3
- 7'3	- 2'3	- 6'5	- 2'4	- 5'6	- 2'8	- 7'3	- 2'1	- 3'9	- 3'1	- 2'5	- 5'6	- 4'5	- 5'1	- 4'4	- 4'2	- 3'7	- 3'7	- 4'5	- 2'5	- 4'2	- 5'7	- 5'8	- 4'0	- 5'5	- 3'1
- 3'1	- 5'1	- 2'7	- 4'3	- 3'5	- 5'7	- 2'6	- 4'7	- 3'4	- 6'4	- 1'6	- 5'9	- 1'0	- 5'8	- 1'9	- 4'0	- 3'1	- 5'4	+ 0'5	- 5'6	- 1'5	- 4'4	- 1'8	- 4'1	- 2'2	- 4'6
- 0'7	+ 1'1	- 1'3	+ 2'9	- 2'6	+ 1'1	- 1'5	+ 0'8	- 0'1	- 1'7	+ 1'1	- 1'1	+ 0'5	- 3'1	- 0'2	- 2'0	+ 0'1	- 5'2	+ 0'3	- 5'5	+ 0'4	- 5'6	- 0'7	- 3'4	+ 0'1	- 2'0
+ 4'0	- 2'4	+ 0'3	- 2'7	+ 1'6	- 4'3	+ 1'8	- 1'8	+ 2'7	- 3'0	+ 1'4	- 2'4	- 2'3	- 1'8	+ 0'2	- 3'5	- 1'6	- 4'9	+ 0'5	- 4'2	- 1'2	- 4'1	- 0'3	- 4'4	- 0'1	- 5'1
- 5'6	+ 4'0	- 6'9	+ 3'7	- 9'4	+ 4'0	- 7'0	+ 3'0	- 7'5	+ 1'0	- 5'8	+ 0'4	- 4'2	+ 0'7	- 4'4	- 0'5	- 2'5	+ 0'5	- 3'3	- 0'5	- 1'7	- 1'8	- 1'3	- 0'5	- 3'0	- 0'4
+ 2'1	- 8'2	- 5'0	- 4'0	- 6'6	- 3'5	- 6'1	- 1'4	- 5'7	- 2'1	- 6'8	- 2'4	- 2'2	- 3'0	- 3'3	- 2'6	- 1'8	- 0'8	- 1'2	- 2'8	- 2'6	- 1'0	- 2'5	- 1'9	- 2'4	- 4'4
-14'4	+ 7'3	-14'2	+ 6'5	-13'9	+ 6'1	-12'0	+ 4'6	-13'1	+ 4'9	-12'5	+ 4'9	-11'4	+ 3'9	-10'4	+ 5'8	-10'7	+ 5'4	- 8'8	+ 2'8	- 9'7	+ 3'7	- 9'7	+ 3'5	-11'1	+ 4'6
-15'3	+ 9'1	-14'7	+ 7'2	-14'2	+ 7'5	-12'4	+ 8'5	-11'7	+ 7'2	-11'5	+ 4'7	- 9'7	+ 3'4	- 9'1	+ 2'1	- 7'9	+ 1'9	- 7'3	+ 4'5	- 6'9	+ 4'0	- 6'5	- 3'5	-10'2	+ 6'0
- 6'6	- 8'7	- 5'1	-10'2	- 6'6	-10'1	- 8'4	- 9'9	- 4'1	- 7'2	- 4'3	- 4'5	- 3'6	- 2'6	- 5'5	- 4'1	- 2'4	- 3'3	- 5'4	- 2'9	- 6'7	- 4'2	- 8'4	- 5'5	- 6'4	- 6'1
- 3'9	- 1'7	- 5'5	- 2'8	- 4'7	- 3'8	- 4'7	- 1'9	- 2'4	- 4'1	+ 2'4	- 0'5	- 0'3	- 7'4	- 2'2	- 6'6	- 2'7	- 6'9	- 5'7	- 5'4	- 3'8	- 5'1	- 5'2	- 6'7	- 2'6	- 5'2
- 4'5	-15'6	- 4'1	-14'9	- 3'9	-10'6	- 3'4	-10'2	- 3'3	-10'7	- 3'4	- 6'2	- 4'3	- 6'4	- 3'8	- 7'5	- 3'0	- 6'6	- 1'8	- 8'0	- 2'1	- 6'0	+ 1'3	- 5'1	- 4'4	- 8'6
- 5'5	- 2'7	- 7'9	- 3'4	- 6'8	- 1'8	- 4'1	- 2'8	- 6'9	- 3'8	- 5'5	- 3'7	- 3'6	- 4'5	- 4'1	- 1'7	- 4'3	- 2'9	- 4'7	- 3'2	- 5'7	- 1'7	- 6'8	- 5'4	- 4'4	- 2'9
- 3'8	-11'6	- 1'4	-11'3	+ 2'9	- 5'6	+ 3'3	- 9'1	+ 2'5	- 8'4	+ 0'8	- 8'3	+ 0'1	- 9'4	+ 2'2	- 6'6	+ 0'7	- 8'0	+ 1'3	-10'9	+ 2'0	-10'9	- 0'6	-15'2	+ 0'1	-12'0
+ 4'8	- 3'5	+ 2'8	- 5'5	+ 4'2	- 3'1	+ 2'4	- 3'1	+ 4'4	- 3'4	+ 4'5	- 3'0	+ 2'4	- 1'2	+ 2'9	- 1'4	+ 2'2	- 1'2	+ 2'0	- 1'8	+ 1'0	- 3'5	+ 0'5	- 4'0	+ 3'4	- 3'5
+ 4'7	-11'0	+ 5'0	- 9'8	+ 5'5	- 9'9	+ 4'2	-10'3	+ 3'9	- 7'2	+ 3'6	- 8'9	+ 2'0	- 7'7	+ 4'3	- 7'5	+ 2'2	- 6'4	+ 3'4	- 9'0	+ 2'4	- 9'3	+ 2'7	- 8'8	+ 2'7	- 9'4
- 1'1	- 5'7	- 0'9	- 5'4	- 3'7	- 6'0	- 5'1	- 8'3	- 5'5	- 9'1	- 4'5	-11'0	- 6'3	- 9'5	- 4'4	-10'3	- 4'5	- 8'5	- 5'0	- 6'6	- 5'7	- 6'8	- 7'8	- 4'6	- 3'8	- 7'6
- 3'5	- 1'6	- 4'6	- 2'7	- 6'9	- 0'1	- 6'5	- 1'8	- 7'4	+ 1'5	- 8'2	- 1'2	- 6'3	- 3'2	- 5'4	- 3'3	- 3'9	- 3'9	- 6'7	- 4'3	- 3'2	- 1'2	- 3'7	- 1'0	- 4'4	- 3'7
- 9'2	+ 4'6	- 9'5	+ 4'2	- 9'6	+ 5'7	-11'6	+ 8'7	-13'7	+ 8'0	-13'2	+ 7'8	-11'7	+ 9'2	-10'8	+10'2	- 7'5	+ 6'9	- 6'0	+ 6'6	- 7'0	+ 7'1	- 9'1	+ 4'6	-10'1	+ 5'7
-15'2	+ 7'4	-14'1	+ 1'5	-11'1	+ 3'1	-12'2	+ 2'5	-12'3	+ 3'0	-12'2	+ 3'3	-12'9	+ 2'6	-10'1	+ 3'1	-10'0	+ 0'4	- 7'1	+ 0'2	- 4'9	- 3'2	- 3'9	- 7'2	- 9'1	+ 0'3
- 4'1	- 6'5	- 2'8	- 5'9	- 0'7	- 4'4	- 6'4	- 3'9	- 4'5	- 2'7	- 4'9	- 3'0	- 4'0	- 0'2	- 5'3	- 1'4	- 5'4	+ 0'4	- 5'4	- 5'9	- 8'5	- 5'0	- 9'8	- 5'1	- 5'8	- 3'7
- 0'2	- 2'0	- 1'6	- 0'9	- 4'2	- 2'3	- 4'0	- 3'7	- 2'7	- 4'1	- 0'8	- 4'6	- 2'2	- 5'8	- 0'1	- 6'5	+ 3'9	- 9'5	+ 2'8	- 6'4	+ 4'0	- 6'7	+ 4'4	- 8'9	- 0'9	- 3'2
- 7'3	- 5'4	- 4'6	- 5'0	- 5'5	- 4'9	- 4'4	- 5'6	- 7'8	- 5'4	- 7'2	- 3'6	- 6'7	- 3'2	- 8'1	- 4'1	- 7'2	- 1'9	- 5'3	- 2'7	- 6'4	- 3'2	- 5'5	- 1'4	- 7'6	- 4'4
+ 5'4	+ 7'9	+ 6'9	+ 8'9	+ 8'3	+ 8'6	+ 7'7	+ 6'8	+ 6'3	+ 5'5	+ 5'8	+ 3'7	+ 1'4	+ 8'3	+ 2'7	+ 5'3	+ 0'3	+ 3'6	+ 0'6	+ 5'1	+ 1'0	+ 4'2	+ 3'2	+ 5'1	+ 4'2	+ 5'6
- 5'5	+ 2'9	- 5'1	+ 3'2	- 5'7	+ 3'6	- 7'5	+ 6'3	- 9'5	+ 7'5	- 8'7	+ 4'5	- 8'8	+ 3'2	- 8'2	+ 4'1	- 8'6	+ 5'0	- 9'5	+ 5'9	- 9'3	+ 6'0	- 9'1	+ 5'9	- 7'9	+ 4'8
- 5'7	+ 7'5	- 7'4	+ 5'9	- 9'5	+ 5'0	-11'0	+ 6'0	- 7'8	+ 6'2	-10'5	+ 5'7	- 9'9	+ 6'0	- 7'6	+ 3'4	- 7'7	+ 5'4	- 7'4	+ 5'0	- 7'0	+ 1'4	- 7'3	+ 1'0	- 7'1	+ 2'5
- 5'1	- 3'6	- 5'6	- 3'1	- 4'9	- 1'8	- 4'6	- 5'2	- 5'5	- 3'8	- 6'4	- 4'1	- 6'4	- 5'2	- 8'1	- 2'4	- 7'0	- 1'3	- 7'7	- 1'1	- 8'8	0'0	- 6'9	- 3'5	- 7'6	- 1'6
- 3'9	- 1'9	- 2'1	- 0'5	- 2'0	- 3'5	- 1'4	- 3'6	+ 0'9	- 4'7	+ 1'4	- 4'0	+ 0'5	- 0'9	+ 0'9	- 4'9	- 1'3	- 3'9	- 2'9	- 2'2	- 2'3	+ 0'9	- 1'8	- 0'6	- 2'8	- 2'2
- 5'4	+20'1	- 4'0	+17'7	- 7'8	+19'3	- 6'4	+19'2	- 7'9	+18'9	- 8'1	+17'2	- 5'5	+19'9	- 7'7	+17'7	- 5'3	+18'9	- 4'6	+20'5	- 9'5	+19'6	- 9'5	+20'2	- 6'1	+18'7

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL
ABERDEEN OBSERVATORY - - LAT. 57° 10' N. LONG. 2° 6' W.

Five-day Periods.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1890. Jan. 1-5	—	in.	—	in.	1	in. '025	2	in. '095	2	in. '115	1	in. '030	2	in. '050	1	in. '005	—	in.	—	in.	—	in.	—	in. '045		
" 6-10	1	'035	1	'015	—	—	2	'015	—	—	2	'010	1	'020	1	'010	1	'020	—	—	1	'005	—	—		
" 11-15	—	—	—	—	—	—	2	'025	—	—	—	—	—	—	—	—	1	'010	1	'010	1	'010	1	'015		
" 16-20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 21-25	1	'040	1	'025	1	'020	1	'015	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	1	'010		
" 26-30	—	—	—	—	—	—	—	—	—	—	1	'025	1	'070	1	'005	2	'015	1	'030	1	'045	1	'025		
Feb. 31-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 5-9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 10-14	—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	—	—	—	—	—	—	—	—	—	—		
" 15-19	1	'030	1	'050	2	'070	2	'045	1	'040	1	'085	1	'025	1	'015	1	'015	1	'010	1	'015	1	'010		
" 20-24	1	'010	—	—	2	'025	1	'010	1	'005	2	'010	2	'010	2	'010	1	'025	—	—	—	—	1	'005		
" 25-1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	1	'005	—	—	—	—	—	—		
Mar. 2-6	1	'010	1	'015	—	—	—	—	1	'005	1	'005	—	—	—	—	1	'005	—	—	—	—	—	—		
" 7-11	—	—	—	—	1	'035	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 12-16	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 17-21	2	'015	2	'050	2	'095	2	'025	3	'060	2	'050	2	'065	3	'120	3	'120	3	'145	3	'205	2	'150		
" 22-26	—	—	—	—	—	—	—	—	—	—	1	'010	2	'010	—	—	—	1	'005	1	'005	1	'005	—		
" 27-31	—	—	—	—	—	—	—	—	—	—	1	'010	2	'015	2	'010	—	—	—	—	—	—	—	—		
April 1-5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 6-10	1	'015	1	'005	—	—	1	'010	1	'005	1	'005	2	'020	3	'065	3	'050	3	'025	2	'070	1	'015		
" 11-15	—	—	—	—	1	'005	1	'020	1	'005	1	'005	—	—	—	—	1	'010	—	—	1	'020	2	'010		
" 16-20	—	—	1	'010	1	'010	2	'010	3	'025	2	'015	2	'010	2	'020	2	'015	2	'020	—	—	—	—		
" 21-25	—	—	—	—	—	—	1	'005	1	'025	2	'040	1	'105	1	'005	—	—	—	—	—	—	1	'005		
" 26-30	1	'005	3	'015	3	'020	3	'020	2	'015	2	'010	2	'015	1	'005	1	'010	—	—	—	—	1	'010		
May 1-5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'025	—	—		
" 6-10	2	'035	2	'065	1	'010	1	'005	—	—	1	'005	1	'010	—	—	1	'005	1	'005	—	—	—	—		
" 11-15	2	'015	1	'020	1	'020	1	'020	2	'040	2	'040	—	—	1	'005	1	'005	—	—	—	—	—	—		
" 16-20	2	'095	2	'105	2	'110	1	'085	2	'075	2	'090	2	'305	2	'115	2	'015	1	'005	—	—	—	—		
" 21-25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—		
" 26-30	—	—	—	—	—	—	—	—	—	—	1	'005	2	'015	1	'005	1	'030	—	—	1	'020	—	—		
June 31-4	1	'040	2	'035	1	'010	1	'005	1	'010	—	—	1	'045	1	'015	—	—	2	'010	2	'015	1	'005		
" 5-9	1	'005	1	'010	2	'015	3	'065	2	'035	2	'030	2	'015	1	'020	1	'005	—	—	—	—	1	'070		
" 10-14	1	'075	1	'015	2	'020	1	'005	1	'005	1	'005	—	—	—	—	1	'005	—	—	—	—	—	—		
" 15-19	1	'010	1	'010	—	—	—	—	1	'005	1	'005	—	—	—	—	—	—	—	—	—	—	—	—		
" 20-24	—	—	—	—	—	—	—	—	1	'005	1	'005	—	—	—	—	—	—	1	'005	—	—	—	—		
" 25-29	1	'030	—	—	—	—	—	—	1	'005	2	'010	—	—	—	—	1	'070	—	—	—	—	—	—		

NOTE.—In estimating the number of DAYS on which Rain fell, those on

* This total exceeds the sum of the hourly totals by an amount of rain which was measured,

AMOUNTS of RAINFALL registered therein, for FIVE-DAY PERIODS.

Rain-gauge, 2 feet above Ground; 48 feet above Mean Sea Level.

P.M.												Midt.		Totals for the Five Days.	
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.				
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Days (see Note).	Amount.
—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	—	in.	2	ins .415
—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	.695
1	.010	1	.030	1	.010	1	.065	1	.005	—	—	1	.115	3	.340
—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	.250
—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	.620*
1	.025	1	.020	1	.015	1	.005	1	.005	—	—	1	.030	3	.335
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	.010
1	.050	1	.025	1	.015	—	—	1	.005	1	.020	1	.030	3	.660*
—	—	—	—	—	1	.010	1	.010	1	.010	—	—	1	4	.155
—	—	—	—	1	.010	—	—	—	—	—	—	—	—	4	.120*
—	—	1	.010	1	.020	1	.005	—	—	1	.005	—	—	3	.210*
1	.005	1	.035	1	.055	—	—	—	—	1	.005	1	.030	5	1.220*
—	—	—	—	—	—	—	—	—	—	—	—	1	.010	2	.030
2	.050	2	.050	2	.065	2	.045	2	.035	1	.005	—	—	3	1.410
1	.010	—	—	—	—	—	—	—	—	1	.005	—	—	2	.050
—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	.035
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	.015	—	—	—	1	.005	—	—	—	1	.020	—	—	4	.390
—	—	1	.005	—	—	—	—	—	—	—	—	1	.005	3	.085
—	—	—	—	—	—	—	—	1	.005	—	—	—	—	3	.140
1	.010	2	.010	1	.015	2	.075	—	—	1	.165	1	.020	5	.480
1	.005	1	.005	1	.005	1	.075	1	.100	1	.005	1	.005	4	.365
—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	.005
—	—	—	—	1	.005	2	.035	2	.035	2	.045	2	.070	5	.535
1	.030	1	.050	1	.095	2	.135	3	.155	2	.155	2	.065	4	.980
—	—	1	.025	1	.025	—	—	—	—	—	—	1	.050	5	1.505*
—	—	—	—	—	—	—	—	—	—	—	—	1	.005	1	.010
—	—	1	.005	—	—	1	.010	1	.020	1	.005	1	.010	3	.160
1	.010	1	.095	3	.045	3	.025	2	.010	1	.005	—	—	5	.475
1	.010	—	—	2	.010	1	.090	—	—	—	—	1	.005	4	.420*
—	—	—	—	—	—	—	—	—	—	—	—	1	.005	3	.155
1	.020	1	.010	—	—	—	—	2	.060	1	.025	1	.060	3	.283*
—	—	1	.020	—	—	—	—	—	—	1	.005	1	.005	3	.085
—	—	1	.005	2	.055	2	.070	1	.020	1	.005	1	.025	4	.400

which a fall of less than 0.01 in. was measured have been disregarded, but which, owing to failure of the trace, could not be allocated to the hours at which it fell.

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL

Five-day Periods.	A.M.												Noon.											
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.
1890. July 30-4	—	in.	—	in.	1	in. '005	1	in. '005	1	in. '005	1	in. '005	—	in.	1	in. '005	—	in.	1	in. '020	1	in. '030	—	in.
" 5-9	1	'060	1	'095	2	'170	3	'115	2	'095	1	'115	2	'110	2	'045	2	'010	—	—	—	—	—	—
" 10-14	—	—	—	—	1	'005	1	'025	2	'025	2	'035	2	'020	2	'085	3	'093	1	'015	—	—	—	—
" 15-19	—	—	—	—	1	'005	—	—	1	'005	—	—	1	'030	1	'085	1	'005	—	—	—	—	—	—
" 20-24	—	—	1	'003	1	'015	—	—	—	—	—	—	—	—	—	—	1	'095	1	'015	1	'035	—	—
" 25-29	—	—	—	—	—	—	—	—	2	'020	2	'035	1	'010	—	—	—	—	—	—	—	—	—	—
Aug. 30-3	1	'010	1	'025	2	'007	3	'018	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 4-8	—	—	1	'015	1	'003	2	'017	1	'015	1	'005	1	'005	—	—	—	—	—	—	—	—	—	—
" 9-13	2	'012	2	'004	1	'002	—	—	—	—	1	'003	—	—	1	'007	—	—	—	—	—	—	—	—
" 14-18	—	—	—	—	—	—	1	'010	1	'005	2	'015	1	'020	3	'040	2	'035	2	'225	2	'150	1	'005
" 19-23	—	—	—	—	—	—	—	—	1	'010	1	'015	—	—	2	'050	3	'045	1	'010	—	—	1	'025
" 24-28	—	—	1	'010	1	'045	1	'005	2	'010	2	'075	2	'045	1	'050	1	'060	1	'130	1	'060	—	—
Sept. 29-2	—	—	1	'005	—	—	1	'005	3	'015	—	—	—	—	1	'005	1	'005	2	'015	1	'095	2	'095
" 3-7	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 8-12	—	—	—	—	1	'010	1	'030	1	'005	1	'005	—	—	—	—	1	'020	1	'005	—	—	—	—
" 13-17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 18-22	—	—	—	—	—	—	1	'020	1	'010	2	'055	2	'045	1	'045	2	'025	1	'020	1	'005	1	'035
" 23-27	1	'020	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—
Oct. 28-2	3	'030	1	'070	1	'030	1	'010	2	'015	1	'015	—	—	—	—	—	1	'005	1	'050	1	'060	—
" 3-7	—	—	—	—	—	—	—	—	—	—	1	'015	1	'005	—	—	—	—	—	—	—	—	—	—
" 8-12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 13-17	1	'005	—	—	1	'010	2	'020	3	'285	3	'050	3	'030	1	'025	1	'010	1	'005	—	—	—	—
" 18-22	1	'020	2	'045	3	'060	3	'045	4	'045	3	'030	4	'035	3	'020	2	'015	3	'030	2	'010	1	'005
" 23-27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—
Nov. 28-1	1	'025	1	'030	1	'030	1	'100	1	'065	1	'025	2	'015	1	'045	1	'005	—	—	—	—	—	—
" 2-6	2	'040	2	'025	2	'055	1	'070	1	'015	2	'010	2	'010	—	—	—	1	'005	2	'030	—	—	—
" 7-11	3	'150	2	'205	3	'065	3	'100	3	'070	3	'105	3	'105	2	'180	2	'125	2	'050	1	'025	1	'080
" 12-16	1	'045	1	'005	1	'010	1	'015	1	'055	1	'095	1	'030	—	—	—	—	—	—	—	—	1	'005
" 17-21	1	'095	1	'060	1	'070	1	'015	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	1	'025
" 22-26	2	'030	2	'050	—	—	1	'015	1	'010	1	'005	1	'005	—	—	—	—	—	—	1	'045	1	'010
Dec. 27-1	—	—	—	—	—	—	—	—	2	'050	1	'015	2	'035	1	'020	1	'070	1	'090	1	'015	—	—
" 2-6	1	'060	2	'030	2	'025	3	'060	3	'025	1	'005	3	'025	3	'020	1	'005	1	'005	2	'025	2	'015
" 7-11	—	—	—	—	—	—	1	'005	—	—	1	'005	3	'020	1	'005	1	'005	1	'005	1	'015	1	'005
" 12-16	—	—	—	—	—	—	—	—	—	—	1	'020	1	'085	1	'005	1	'005	1	'005	—	—	—	—
" 17-21	—	—	1	'010	1	'003	—	—	—	—	1	'010	1	'005	—	—	1	'005	—	—	1	'013	1	'007
" 22-26	—	—	1	'010	1	'025	1	'025	—	—	—	—	1	'030	1	'055	1	'015	1	'005	—	—	1	'040
" 27-31	1	'020	1	'005	1	'005	2	'015	1	'040	1	'005	2	'030	3	'025	2	'020	1	'010	2	'010	—	—

NOTE.—In estimating the number of DAYS on which Rain fell, those on
 * This total exceeds the sum of the hourly totals by an amount of rain which was measured.

AMOUNTS of RAINFALL registered therein, for FIVE-DAY PERIODS—*continued.*

P.M.												Midt.	Totals for the Five Days.	
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.			
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Days (see Note).	Amount.
—	in.	—	in.	1	.005	—	in.	—	in.	—	in.	—	4	ins.
—	—	—	—	1	.175	1	.035	2	.015	1	.160	1	4	1.415
—	—	—	—	—	—	—	—	—	—	—	—	—	3	.318
—	—	—	—	2	.010	2	.135	2	.043	1	.002	1	3	.325
—	—	—	—	1	.005	—	—	1	.015	—	—	1	3	.250
1	.010	—	—	1	.010	1	.005	—	—	1	.005	—	3	.280
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	1	.065	1	.005	—	—	1	3	.230
—	—	1	.010	1	.005	1	.005	—	—	1	.010	1	3	.095
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	1	.025	2	.055	2	3	.155
1	.010	1	.010	2	.030	3	.065	—	—	2	.020	2	5	.965
2	.080	2	.095	3	.110	2	.055	1	.070	1	.005	—	3	.575
—	—	1	.040	1	.130	1	.010	—	—	—	—	—	4	.685
—	—	—	—	1	.002	1	.003	1	.005	1	.010	—	5	.285
—	—	—	—	—	—	—	—	—	—	—	—	—	1	.110
—	—	—	—	—	—	—	—	1	.035	1	.020	1	1	.075
—	—	—	—	—	—	—	—	—	—	—	—	—	0	.005*
1	.020	—	—	—	—	—	—	—	—	—	—	—	3	.280
—	—	—	—	—	—	—	—	—	—	—	—	—	3	.540
—	—	—	—	—	—	—	—	1	.005	2	.345	2	3	.070
1	.115	2	.135	2	.145	2	.085	1	.065	1	.050	2	4	1.455
—	—	—	—	—	—	—	—	—	—	—	—	—	2	.035
—	—	—	—	—	—	—	—	—	—	—	—	—	1	.010
—	—	3	.040	2	.030	—	—	—	—	1	.020	2	4	.605
—	—	1	.020	1	.020	1	.015	1	.015	1	.040	1	4	.665
—	—	—	—	1	.025	1	.030	—	—	—	—	—	—	—
—	—	1	.010	1	.010	1	.077	2	.063	2	.200	2	6	1.805*
1	.020	1	.020	1	.005	1	.015	1	.070	1	.100	—	4	1.230
—	—	—	—	2	.015	3	.050	3	.205	2	.150	2	5	1.970
—	—	1	.010	2	.090	2	.145	2	.070	2	.060	2	3	.930*
1	.015	—	—	—	—	1	.030	1	.005	—	—	—	3	.320
1	.005	—	—	—	—	1	.005	1	.040	2	.025	1	4	.610
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	1	3	.325*
2	.020	2	.095	2	.085	2	.070	2	.025	2	.020	3	5	1.050
1	.005	1	.010	—	—	3	.020	2	.015	1	.005	—	4	.125
—	—	1	.030	1	.010	—	—	1	.005	1	.005	—	2	.185
—	—	1	.005	1	.005	1	.010	—	—	—	—	—	3	.763*
1	.060	1	.065	1	.035	—	—	—	—	—	—	—	3	.485*
—	—	—	—	1	.010	1	.005	—	—	—	—	2	4	.235

which a fall of less than 0.1 in. was measured have been disregarded, but which, owing to the failure of the trace, could not be allocated to the hours at which it fell.

ABERDEEN OBSERVATORY

TABLE VI.—HOURLY and DAILY MEANS of
Barometer Cistern, 88 feet

1890.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	ins. 29'443	ins. 29'436	ins. 29'433	ins. 29'423	ins. 29'419	ins. 29'406	ins. 29'412	ins. 29'416	ins. 29'431	ins. 29'445	ins. 29'462	ins. 29'466	ins. 29'473
Feb. -	30'158	30'152	30'152	30'144	30'141	30'138	30'139	30'140	30'149	30'153	30'160	30'158	30'157
March	29'554	29'548	29'545	29'535	29'531	29'528	29'530	29'536	29'543	29'547	29'553	29'553	29'553
April -	29'730	29'722	29'718	29'709	29'705	29'701	29'704	29'702	29'704	29'706	29'709	29'709	29'711
May -	29'778	29'771	29'768	29'762	29'760	29'762	29'765	29'768	29'771	29'772	29'773	29'772	29'773
June -	29'786	29'777	29'770	29'763	29'761	29'761	29'763	29'767	29'770	29'768	29'769	29'770	29'769
July -	29'677	29'670	29'667	29'660	29'660	29'660	29'661	29'663	29'665	29'664	29'667	29'665	29'668
August	29'694	29'691	29'687	29'683	29'679	29'680	29'682	29'684	29'689	29'687	29'686	29'685	29'684
Sept. -	29'909	29'902	29'897	29'889	29'887	29'886	29'888	29'892	29'900	29'902	29'901	29'899	29'895
Oct. -	29'789	29'784	29'781	29'774	29'770	29'767	29'772	29'777	29'785	29'784	29'789	29'786	29'784
Nov. -	29'610	29'609	29'610	29'609	29'609	29'611	29'617	29'626	29'640	29'648	29'657	29'655	29'653
Dec. -	29'999	29'995	29'995	29'991	29'989	29'987	29'989	29'992	29'999	30'005	30'014	30'010	30'008
Year -	29'761	29'755	29'752	29'745	29'743	29'741	29'744	29'747	29'754	29'757	29'762	29'761	29'761

TABLE VII.—HOURLY and DAILY MEANS of
Thermometer,

1890.	Midt.	A.M.											Noon.	
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
Jan. -	40°4	40°3	40°0	40°2	40°2	40°4	40°4	40°7	40°8	40°9	41°2	42°0	42°5	42°9
Feb. -	38°2	38°2	38°0	38°0	37°9	38°0	38°1	38°1	37°8	38°5	39°4	40°4	41°2	41°7
March	40°2	40°1	39°7	39°6	39°4	39°3	39°2	39°3	40°1	41°4	42°4	43°5	44°3	44°5
April -	40°2	40°0	39°6	39°3	39°0	39°0	39°3	41°0	42°3	43°9	45°1	45°9	46°3	46°4
May -	46°3	46°1	45°8	45°4	45°3	45°7	46°5	47°7	48°7	49°7	50°4	50°7	51°2	51°6
June -	50°2	49°5	49°0	48°8	48°8	50°3	52°2	53°9	54°4	55°6	56°2	56°9	57°0	57°0
July -	51°3	51°0	50°4	49°9	49°7	50°8	52°2	53°5	54°4	55°3	56°3	57°2	57°2	57°9
August	52°4	51°9	51°6	51°6	51°3	51°4	52°0	53°7	54°8	56°4	57°0	58°1	58°8	59°5
Sept. -	53°5	53°2	52°8	52°5	52°3	52°6	52°8	54°3	55°4	57°1	58°4	59°6	60°3	60°8
Oct. -	46°9	47°0	46°7	46°6	46°5	46°4	46°0	46°1	46°6	48°5	49°9	51°1	51°7	52°2
Nov. -	41°3	41°0	41°0	40°9	40°5	40°3	40°4	40°7	40°9	41°7	42°6	43°4	44°1	44°6
Dec. -	38°1	37°8	37°8	38°1	37°9	37°8	37°7	37°7	37°7	37°9	38°0	38°4	38°6	38°9
Year -	44°9	44°7	44°4	44°2	44°1	44°3	44°7	45°6	46°2	47°2	48°1	48°9	49°4	49°8

TABLE VIII.—HOURLY and DAILY MEAN DIFFERENCE between the DRY-BULB

1890.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	2°5	2°4	2°2	2°3	2°2	2°3	2°1	2°2	2°3	2°2	2°3	2°6	3°0
Feb. -	2°2	2°1	2°0	1°9	1°9	1°9	2°0	2°0	1°9	2°1	2°5	2°7	3°0
March	2°2	2°3	2°1	2°1	1°9	2°0	1°9	1°9	2°1	2°6	3°0	3°5	3°8
April -	2°2	2°0	1°9	1°7	1°7	1°7	1°7	2°3	2°7	3°3	3°9	4°1	4°4
May -	1°6	1°5	1°4	1°3	1°4	1°4	1°6	1°8	2°1	2°5	2°6	2°8	3°0
June -	2°3	2°2	2°0	2°0	2°0	2°6	3°2	4°0	4°4	5°0	5°3	5°6	5°5
July -	2°2	2°2	2°1	2°1	2°0	2°4	2°7	3°2	3°7	4°2	4°9	5°4	5°5
August	2°0	2°0	2°0	2°0	1°8	1°8	1°9	2°5	2°8	3°6	3°9	4°5	4°9
Sept. -	2°0	2°0	1°9	1°8	1°9	2°0	2°0	2°5	2°7	3°4	3°9	4°6	4°9
Oct. -	2°3	2°4	2°3	2°2	2°1	2°0	1°8	2°1	2°2	2°8	3°4	4°0	4°1
Nov. -	1°7	1°7	1°8	1°9	1°9	1°7	1°9	2°0	2°1	2°2	2°5	2°7	3°0
Dec. -	2°5	2°4	2°4	2°3	2°2	2°3	2°2	2°2	2°3	2°4	2°4	2°5	2°4
Year -	2°1	2°1	2°0	2°0	1°9	2°0	2°1	2°4	2°6	3°0	3°4	3°8	4°0

LAT. 57° 10' N. LONG. 2° 8' W.

PRESSURE for each CALENDAR MONTH and for the YEAR.
above Mean Sea Level.

P.M.											Midt.	Daily Means (Month).	1890.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
ins. 29°471	ins. 29°473	ins. 29°469	ins. 29°472	ins. 29°470	ins. 29°467	ins. 29°460	ins. 29°459	ins. 29°452	ins. 29°453	ins. 29°448	ins. 29°449	ins. 29°448	Jan.
30°150	30°147	30°139	30°140	30°141	30°150	30°150	30°153	30°152	30°154	30°148	30°148	30°148	Feb.
29°546	29°543	29°534	29°533	29°538	29°550	29°557	29°565	29°567	29°570	29°566	29°567	29°548	March.
29°710	29°709	29°703	29°705	29°708	29°715	29°720	29°728	29°729	29°728	29°724	29°723	29°713	April.
29°771	29°769	29°766	29°765	29°764	29°765	29°767	29°775	29°780	29°783	29°780	29°776	29°770	May.
29°768	29°769	29°768	29°765	29°763	29°764	29°766	29°770	29°776	29°778	29°774	29°771	29°769	June.
29°666	29°667	29°664	29°664	29°664	29°668	29°672	29°678	29°684	29°688	29°686	29°685	29°669	July.
29°684	29°683	29°684	29°681	29°681	29°686	29°694	29°703	29°708	29°709	29°709	29°708	29°690	August.
29°887	29°882	29°878	29°875	29°874	29°881	29°888	29°893	29°893	29°892	29°885	29°880	29°890	Sept.
29°776	29°776	29°779	29°784	29°789	29°795	29°798	29°799	29°799	29°801	29°798	29°794	29°785	Oct.
29°646	29°643	29°635	29°637	29°632	29°634	29°629	29°625	29°625	29°622	29°618	29°618	29°629	Nov.
29°999	29°998	29°996	30°003	30°004	30°013	30°015	30°020	30°019	30°021	30°021	30°019	30°004	Dec.
29°756	29°755	29°751	29°752	29°752	29°758	29°760	29°764	29°765	29°767	29°763	29°762	29°755	Year.

TEMPERATURE for each CALENDAR MONTH and for the YEAR.
41 feet above Ground.

P.M.										Midt.	Daily Means (Month).	Means of Daily		1890.
14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		Max.	Min.	
42°9	42°6	42°0	41°3	41°0	40°9	40°7	40°5	40°5	40°3	40°4	41°0	45°3	36°7	Jan.
41°9	41°7	41°1	40°4	39°7	39°3	39°0	38°9	38°7	38°4	38°1	39°2	42°7	35°5	Feb.
44°7	44°9	44°6	43°8	42°5	41°6	40°9	40°4	40°4	40°4	40°3	41°5	46°6	36°4	March.
46°3	46°7	46°0	45°5	44°8	44°0	43°0	42°3	41°6	40°9	40°4	42°8	48°5	37°3	April.
51°8	51°4	51°0	50°7	50°0	49°3	48°3	47°6	47°2	46°6	46°3	48°5	53°9	43°9	May.
56°9	56°6	56°4	56°3	55°8	55°6	54°5	53°3	52°1	51°3	50°5	53°6	59°8	46°7	June.
58°6	58°8	58°1	57°8	57°3	56°5	55°4	54°0	53°0	52°2	51°4	54°4	60°6	48°6	July.
59°4	58°9	58°5	58°0	57°4	56°0	54°6	53°7	53°1	52°5	52°0	55°0	61°0	49°9	August.
60°8	60°4	59°6	59°1	57°7	56°5	55°7	55°1	54°6	54°1	53°6	56°1	62°4	50°7	Sept.
52°0	51°4	50°7	49°6	48°6	47°9	47°4	47°1	47°0	46°7	46°8	48°3	53°9	43°2	Oct.
44°6	44°1	43°6	42°8	42°6	42°3	42°0	41°7	41°7	41°6	41°3	42°1	46°4	36°9	Nov.
38°9	38°9	38°7	38°6	38°2	38°2	38°0	38°2	38°1	38°1	37°9	38°2	41°1	34°7	Dec.
49°9	49°7	49°2	48°7	48°0	47°3	46°6	46°1	45°7	45°3	44°9	46°7	51°0	41°7	Year.

and WET-BULB THERMOMETERS, for each CALENDAR MONTH and for the YEAR.

P.M.											Midt.	Daily Means (Month).	1890.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
3°0	3°1	3°0	2°8	2°4	2°3	2°2	2°1	2°0	2°2	2°3	2°5	2°4	Jan.
3°1	3°2	3°1	2°9	2°5	2°4	2°2	2°2	2°4	2°2	2°1	2°2	2°3	Feb.
3°8	4°2	4°0	3°9	3°6	2°6	2°5	2°3	2°8	2°2	2°2	2°2	2°7	March.
4°2	4°3	4°4	4°3	4°0	3°8	3°4	3°0	2°8	2°6	2°4	2°2	3°0	April.
3°2	3°4	3°4	3°3	3°2	3°0	2°7	2°2	1°9	1°9	1°7	1°7	2°3	May.
5°2	5°4	5°0	5°1	5°0	4°7	4°7	4°0	3°4	2°7	2°5	2°3	3°9	June.
5°5	6°0	5°9	5°4	5°1	5°1	4°5	3°9	3°2	2°8	2°5	2°2	3°8	July.
5°3	5°4	5°0	4°7	4°5	4°3	3°3	2°7	2°3	2°1	1°9	1°9	3°2	August.
4°9	4°9	4°7	4°4	4°1	3°4	2°8	2°6	2°5	2°4	2°4	2°0	3°0	Sept.
4°4	4°3	3°9	3°7	3°4	3°0	2°7	2°4	2°4	2°5	2°3	2°3	2°8	Oct.
3°2	3°3	2°9	2°9	2°5	2°5	2°3	2°2	1°9	1°9	1°9	1°7	2°3	Nov.
2°4	2°4	2°4	2°4	2°6	2°3	2°4	2°5	2°6	2°6	2°6	2°6	2°4	Dec.
4°0	4°2	4°0	3°8	3°6	3°3	3°0	2°7	2°5	2°3	2°2	2°2	2°8	Year.

ABERDEEN OBSERVATORY

TABLE IX.—MEAN HOURLY and DAILY WIND

1890.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
January	-11'2	-3'1	-12'0	-2'9	-11'8	-2'4	-10'6	-2'0	-10'5	-3'5	-9'8	-2'9	-9'8	-3'4	-10'1	-5'4	-10'3	-5'1	-9'2	-4'7	-11'0	-4'2	-11'1	-5'6
February	-5'3	+2'7	-5'0	+2'2	-4'5	+1'9	-4'6	+2'5	-4'8	+2'4	-4'9	+2'6	-5'5	+2'6	-4'8	+3'2	-5'1	+2'6	-5'8	+2'2	-5'5	+1'6	-6'1	+2'1
March	-4'3	-1'8	-3'4	-1'9	-4'6	-2'8	-5'1	-2'3	-5'1	-3'7	-4'7	-3'6	-3'0	-3'1	-3'5	-4'0	-3'3	-4'6	-3'5	-5'3	-3'1	-4'4	-3'2	-5'0
April	0'0	-1'7	0'1	-1'6	0'5	-2'2	+1'0	-1'3	0'3	-2'2	+0'4	-1'9	+0'7	-2'7	+1'6	-4'2	+1'1	-3'2	+1'9	-1'5	+0'6	-0'1	-0'5	+1'8
May	+0'2	-2'1	+0'6	-2'1	+0'0	-2'0	+1'2	-2'9	+1'1	-2'4	+1'1	-2'1	+0'3	-1'1	+0'1	+0'3	+0'2	+0'1	+1'0	+0'9	+1'2	+2'6	+0'8	+3'7
June	-1'9	-1'6	-2'0	-2'0	-1'7	-2'5	-2'2	-1'7	-2'6	-1'9	-3'0	-1'7	-2'9	-2'6	-3'3	-2'9	-3'1	-1'8	-3'6	-1'1	-3'1	-1'6	-3'4	-0'3
July	+0'3	-3'3	+0'3	-4'7	+0'1	-4'4	+0'1	-5'1	+0'8	-6'0	+0'5	-5'8	+0'4	-6'7	+1'0	-6'0	+1'3	-5'1	+1'2	-5'4	+0'8	-5'2	-1'4	-3'8
August	-0'2	-2'4	-0'5	-2'2	-0'6	-2'6	-1'0	-2'5	-0'4	-1'6	-0'1	-2'3	-0'2	-1'9	+0'1	-1'3	+0'5	-0'8	+0'3	-0'9	-1'1	+0'6	-1'8	+0'7
September	-6'1	-1'2	-5'7	-1'0	-5'2	-1'2	-5'0	-1'3	-5'6	-0'8	-6'4	-1'5	-6'4	-0'6	-6'2	-0'6	-6'3	-1'4	-6'9	-1'5	-7'5	-1'4	-7'5	-1'0
October	-2'2	-8'3	-1'6	-7'4	-2'0	-7'1	-1'5	-7'8	-0'4	-7'5	+0'1	-7'2	-0'3	-7'8	-0'2	-6'9	-1'5	-8'3	-2'2	-6'9	-0'4	-8'3	-0'2	-7'8
November	-4'2	-3'6	-5'5	-3'2	-5'4	-1'5	-6'8	-1'7	-5'7	-2'0	-5'5	-3'5	-4'7	-2'6	-4'4	-3'1	-5'2	-2'3	-5'6	-0'7	-5'4	-1'5	-6'5	-2'1
December	-4'5	+4'2	-5'0	+3'0	-4'8	+4'0	-5'0	+4'5	-5'7	+2'5	-5'2	+3'5	-4'9	+4'0	-5'1	+4'8	-4'8	+5'2	-4'8	+4'6	-4'6	+4'6	-3'8	+5'4
Year	-3'3	-1'9	-3'3	-2'0	-3'3	-1'9	-3'2	-1'8	-3'1	-2'2	-3'1	-2'2	-3'0	-2'2	-2'9	-2'2	-3'0	-2'1	-3'1	-1'7	-3'3	-1'4	-3'7	-1'0

TABLE X.—NUMBER of HOURS in which RAIN fell, and the
Rain-gauge 2 feet above Ground;

1890.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.
January	2	in. '075	2	in. '040	2	in. '045	7	in. '150	3	in. '120	4	in. '065	4	in. '140	3	in. '020	4	in. '045	2	in. '040	3	in. '060	4	in. '095
February	2	'040	1	'050	4	'095	3	'055	2	'045	4	'100	4	'040	4	'035	3	'045	1	'010	1	'015	2	'015
March	3	'025	4	'070	3	'130	3	'035	4	'065	5	'075	6	'090	5	'130	4	'125	4	'150	4	'210	3	'155
April	2	'020	5	'030	5	'035	8	'065	8	'075	8	'075	7	'150	7	'095	7	'085	5	'045	3	'090	5	'040
May	6	'145	6	'195	5	'150	4	'115	5	'125	6	'140	6	'375	5	'140	5	'055	2	'010	3	'030	—	—
June	5	'160	4	'065	4	'035	4	'070	6	'055	7	'055	2	'015	1	'020	3	'080	3	'015	2	'015	2	'075
July	2	'070	3	'123	7	'205	7	'160	8	'150	6	'190	6	'170	6	'220	7	'203	3	'050	2	'065	—	—
August	2	'012	4	'029	4	'052	6	'040	6	'050	7	'113	4	'070	7	'147	6	'140	6	'380	4	'305	4	'125
September	2	'030	1	'005	1	'010	2	'050	4	'025	4	'065	2	'045	2	'050	4	'050	2	'025	1	'005	1	'035
October	5	'070	4	'145	6	'130	7	'175	10	'410	9	'135	9	'080	5	'090	4	'030	6	'045	3	'060	2	'065
November	9	'360	8	'345	7	'200	7	'215	8	'200	8	'230	9	'185	3	'200	3	'195	4	'145	5	'115	4	'060
December	2	'080	5	'055	5	'058	7	'105	5	'070	5	'045	11	'200	9	'110	7	'055	5	'030	6	'063	5	'067
Year	42	1'087	47	1'152	53	1'145	65	1'235	69	1'390	73	1'288	70	1'560	57	1'257	57	1'108	43	'945	37	1'033	32	'732

NOTE.—In estimating the number of DAYS on which Rain fell, those on which
* This total exceeds the sum of the hourly totals by an amount of rain which was measured.

LAT. 57° 10' N. LONG. 2° 6' W.

COMPONENTS for each CALENDAR MONTH and for the YEAR.

P.M.																							Midt.		Daily Means (Month).		1890.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.		
-10°0	-6°3	-10°6	-5°8	-10°0	-5°0	-11°1	-4°2	-12°2	-4°1	-12°4	-3°1	-12°9	-1°6	-11°1	-2°0	-11°5	-2°3	-12°0	-3°2	-11°9	-4°1	-11°1	-4°1	-11°0	-3°8	January.	
-5°7	+3°2	-5°3	+2°6	-5°5	+2°9	-5°5	+2°8	-5°0	+4°1	-5°3	+4°0	-5°9	+2°4	-6°1	+2°8	-5°5	+2°5	-5°6	+2°8	-4°9	+2°4	-4°8	+1°7	-5°3	+2°6	February.	
-3°5	-3°8	-4°2	-3°4	-4°1	-1°7	-4°2	-2°4	-4°5	-1°9	-3°3	-0°9	-2°3	-2°2	-2°7	-1°9	-2°1	-0°9	-3°4	-1°5	-4°7	-0°3	-5°5	-1°6	-3°8	-2°7	March.	
-1°1	+1°7	-1°2	+1°9	-1°9	+1°5	-0°9	+1°2	-1°2	+0°6	-0°7	-0°1	-0°6	-1°4	-1°1	-0°9	-1°1	-1°4	-1°5	-2°1	-0°8	-2°5	-1°0	-3°0	-0°2	-1°1	April.	
+0°4	+3°6	+0°3	+3°7	+0°3	+3°6	+0°7	+3°5	+0°5	+2°2	-0°5	+1°8	-0°4	+0°8	0°0	+0°5	+0°4	-0°7	0°0	-0°4	-0°5	-0°4	-0°8	-0°5	+0°4	+0°4	May.	
-2°7	+0°5	-3°2	+0°8	-1°1	+0°2	-0°6	-0°9	+0°3	+0°3	+0°4	-0°3	+0°5	-1°0	+0°1	-1°5	-1°0	-0°4	-0°5	+0°9	-1°3	+1°1	-1°3	-0°6	-1°8	-1°0	June.	
-1°2	-3°6	-1°4	-4°3	-1°7	-5°1	-1°1	-5°2	-1°6	-5°0	-1°5	-5°0	-1°0	-4°7	-0°6	-3°8	-1°2	-3°2	-0°6	-4°4	-1°4	-4°5	-1°3	-4°9	-0°4	-4°8	July.	
-2°2	+0°8	-1°9	+0°7	-1°8	+0°4	-1°8	+1°0	-1°5	-0°7	-0°8	-1°3	-0°8	-1°7	-1°2	-1°5	-1°3	-2°3	-0°6	-2°0	-0°2	-2°8	-0°3	-2°7	-0°8	-1°2	August.	
-8°9	+0°5	-10°1	+0°3	-10°4	+0°4	-8°8	+0°6	-8°1	+0°1	-7°1	-0°3	-5°8	0°0	-5°9	-0°5	-4°7	+0°2	-4°9	-0°3	-5°5	-0°4	-5°5	-0°6	-6°7	-0°6	September.	
-0°2	-7°9	-0°5	-8°3	+0°2	-6°4	+0°1	-7°4	-0°4	-7°2	-0°2	-7°6	-1°1	-7°2	-0°2	-6°4	-0°8	-6°3	-0°8	-7°1	-0°9	-6°8	-1°5	-8°1	-0°7	-7°4	October.	
-6°1	-0°7	-5°9	-1°2	-6°1	-0°5	-7°5	-0°4	-7°9	0°0	-7°6	-0°1	-7°3	-0°2	-6°8	0°0	-5°2	-1°3	-4°9	-1°9	-4°6	-1°8	-5°1	-2°7	-5°8	-1°6	November.	
-3°8	+5°1	-3°0	+4°9	-3°7	+5°0	-4°0	+4°6	-4°1	+4°8	-4°6	+3°7	-5°0	+5°4	-4°8	+3°6	-5°1	+4°5	-5°3	+5°3	-6°2	+5°1	-5°5	+4°5	-4°7	+4°5	December.	
-3°8	-0°6	-3°9	-0°7	-3°8	-0°4	-3°7	-0°6	-3°8	-0°6	-3°6	-0°8	-3°6	-1°0	-3°4	-1°0	-3°3	-1°0	-3°3	-1°2	-3°6	-1°3	-3°6	-1°9	-3°4	-1°4	Year.	

TOTAL AMOUNTS of RAINFALL MEASURED, for each HOUR, and CALENDAR MONTH, and for the YEAR.

48 feet above Mean Sea Level.

P.M.																								Midt.		Monthly Totals.		1890.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.						
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Rainy Days.	Amount.			
2	in. '035	2	in. '050	2	in. '025	4	in. '110	3	in. '020	1	in. '030	4	in. '065	4	in. '310	7	in. '270	7	in. '145	4	in. '105	2	in. '145	17	ins. 2'655"	January.		
1	'050	1	'025	2	'025	1	'010	1	'010	2	'015	1	'020	1	'015	1	'020	2	'025	2	'020	1	'010	11	0'920"	February.		
4	'065	4	'095	4	'140	3	'050	2	'035	2	'010	1	'005	3	'050	2	'030	4	'070	3	'025	5	'035	16	2'980"	March.		
3	'030	4	'020	2	'020	4	'155	1	'100	3	'175	2	'025	1	'020	1	'005	4	'070	3	'015	2	'020	19	1'460"	April.		
1	'030	3	'080	3	'125	5	'180	6	'210	5	'205	5	'145	4	'185	8	'155	8	'135	4	'175	6	'130	19	3'500"	May.		
3	'040	4	'130	7	'110	6	'185	5	'090	3	'070	3	'055	3	'070	3	'020	8	'085	6	'090	5	'090	21	1'713"	June.		
1	'010	—	—	6	'205	4	'165	5	'073	3	'227	6	'062	2	'018	3	'040	4	'075	3	'240	5	'107	21	2'828"	July.		
3	'090	5	'155	7	'275	8	'145	1	'070	3	'025	2	'145	3	'110	4	'115	9	'070	6	'095	4	'029	23	2'790"	August.		
1	'020	1	'010	2	'077	2	'068	2	'070	2	'060	2	'065	3	'070	4	'415	4	'120	3	'080	2	'135	12	1'590"	September.		
1	'115	6	'195	6	'155	4	'142	3	'078	3	'240	7	'317	7	'293	7	'192	9	'208	6	'190	5	'110	18	3'890"	October.		
3	'040	2	'030	5	'110	6	'210	8	'380	7	'355	6	'120	6	'125	8	'550	10	'580	8	'390	9	'165	22	5'520"	November.		
4	'085	6	'205	6	'145	7	'105	5	'045	5	'040	4	'060	3	'075	3	'090	3	'075	4	'110	4	'090	22	2'853"	December.		
27	'610	38	'995	52	1'412	54	1'525	42	1'181	39	1'452	43	1'084	40	1'341	51	1'902	72	1'658	52	1'538	50	1'066	221	32'499"	Year.		

a fall of less than 0° or in. was measured have been disregarded.
but which, owing to failure of the trace, could not be allocated to the hours at which it fell.

ABERDEEN OBSERVATORY

TABLE XI.—NUMBER of OBSERVATIONS of WIND, and the MEAN VELOCITY, referred to Eight Points, for each
each HOUR and for the DAY; and the MAXIMUM VELOCITY

JANUARY 1890.

Points.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	0	—	0	—	1	8	0	—	0	—	0	—	1	9	1	12	1	11	0	—	1	14	1	15		
NE	0	—	0	—	0	—	1	12	1	11	2	15	1	16	0	—	0	—	0	—	0	—	0	—		
E	0	—	0	—	0	—	1	6	1	16	0	—	1	11	0	—	0	—	0	—	0	—	0	—		
SE	6	18	2	21	2	21	4	18	3	24	2	25	1	38	1	34	1	36	1	32	0	—	2	16		
S	11	18	14	18	14	17	9	15	13	17	11	16	13	17	9	16	14	18	13	14	17	18	11	21		
SW	5	17	9	17	8	17	9	18	6	15	10	15	8	14	14	15	8	15	7	16	7	15	10	17		
W	5	13	2	7	3	10	3	15	3	22	3	16	2	15	5	11	4	14	6	15	3	12	5	15		
NW	0	—	0	—	0	—	0	—	0	—	1	13	1	13	1	11	2	15	2	18	2	15	1	12		
Calms	4	—	4	—	3	—	4	—	4	—	2	—	3	—	0	—	—	—	2	—	1	—	1	—		
Mean Velocity irrespective of Direction	—	15	—	15	—	15	—	14	—	15	—	15	—	15	—	15	—	16	—	15	—	16	—	17		

FEBRUARY.

N	0	—	0	—	0	—	0	—	0	—	1	8	0	—	1	25	1	22	1	24	1	26	3	18		
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—		
E	1	40	1	37	1	34	1	37	1	32	1	29	1	30	1	30	1	30	1	33	1	31	1	26		
SE	8	21	8	21	7	21	9	20	8	21	9	21	9	20	10	21	7	24	7	24	7	22	8	22		
S	4	12	5	12	6	10	6	8	3	12	2	13	3	13	1	8	5	10	6	12	5	12	6	15		
SW	3	11	1	10	1	14	0	—	4	9	2	12	3	9	4	9	4	11	4	10	5	10	3	16		
W	3	9	2	9	4	9	2	8	2	8	4	10	1	9	2	13	2	6	2	13	1	7	2	18		
NW	4	14	5	14	4	15	6	13	4	15	4	13	5	13	3	13	4	14	3	15	5	15	2	13		
Calms	5	—	6	—	5	—	4	—	6	—	5	—	6	—	6	—	4	—	4	—	3	—	3	—		
Mean Velocity irrespective of Direction	—	13	—	13	—	13	—	13	—	12	—	13	—	12	—	13	—	13	—	15	—	15	—	16		

MARCH.

N	1	28	1	34	1	22	2	16	2	15	2	15	2	13	2	14	2	12	4	13	1	10	0	—		
NE	1	13	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	20	3	18		
E	0	—	1	15	2	17	1	26	1	24	1	30	1	29	1	25	1	23	1	20	2	12	2	13		
SE	5	18	3	15	4	19	5	12	5	16	3	14	4	17	5	14	5	18	4	14	5	18	4	18		
S	7	11	8	14	7	12	9	14	6	11	8	12	6	13	6	16	6	14	5	18	5	14	4	17		
SW	5	16	4	16	5	17	3	21	6	18	6	16	5	12	5	10	4	15	6	21	4	18	5	21		
W	3	14	3	14	2	20	4	17	4	20	4	21	5	20	4	23	5	20	3	22	7	20	7	23		
NW	5	15	5	15	5	14	4	11	4	10	4	9	4	11	6	14	5	18	6	19	2	27	3	14		
Calms	4	—	6	—	5	—	3	—	3	—	3	—	4	—	2	—	3	—	2	—	2	—	3	—		
Mean Velocity irrespective of Direction	—	13	—	12	—	13	—	13	—	14	—	13	—	13	—	14	—	15	—	17	—	17	—	17		

APRIL.

N	0	—	0	—	0	—	1	11	0	—	0	—	0	—	0	—	0	—	2	16	1	23	1	21		
NE	0	—	0	—	0	—	1	16	0	—	0	—	0	—	0	—	0	—	1	7	1	11	1	14		
E	3	17	3	19	3	18	2	16	2	22	2	20	3	15	2	21	2	21	3	17	5	13	5	13		
SE	2	13	4	11	3	11	3	15	6	11	4	14	2	21	3	15	5	10	8	12	10	13	11	14		
S	4	9	4	9	3	9	2	8	2	7	2	10	3	7	2	14	4	11	3	10	2	14	3	12		
SW	3	14	2	16	4	10	2	10	3	10	3	9	2	10	3	11	3	14	0	—	0	—	0	—		
W	4	10	3	18	2	11	2	16	2	11	1	22	5	10	3	16	3	9	3	20	2	28	2	24		
NW	8	14	8	12	8	16	7	14	8	15	9	13	7	18	10	18	11	18	9	19	8	21	7	21		
Calms	6	—	6	—	7	—	10	—	7	—	9	—	8	—	7	—	2	—	1	—	1	—	0	—		
Mean Velocity irrespective of Direction	—	10	—	11	—	10	—	9	—	10	—	10	—	10	—	12	—	15	—	16	—	16	—	16		

LAT. 57° 10' N. LONG. 2° 6' W.

Hour and for the Day, for each CALENDAR MONTH. Also the MEAN VELOCITY irrespective of DIRECTION, for observed during the MONTH from each of the Eight Points.

JANUARY 1890.

P.M.																					Midt.				Monthly Totals and Means.				Maximum Velocity.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.							
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.		
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	12	15			
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	14	15			
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	11	16			
3	19	1	14	1	15	1	14	2	20	2	24	4	24	3	17	4	21	3	15	2	12	2	13	53	20	42			
10	15	14	17	14	16	12	19	12	17	16	19	15	15	13	17	12	17	12	20	13	20	9	16	301	17	47			
9	21	8	16	8	16	10	15	11	17	7	13	6	18	7	19	8	14	11	13	9	14	11	20	205	16	46			
4	11	4	17	5	13	3	11	2	10	3	8	2	10	3	9	4	18	3	16	4	15	4	14	85	13	33			
3	19	3	17	1	10	3	14	3	11	2	10	1	11	1	13	0	—	0	—	0	—	0	—	27	14	27			
2	—	1	—	2	—	2	—	1	—	1	—	3	—	4	—	3	—	2	—	3	—	5	—	58	—	—			
—	15	—	16	—	14	—	15	—	16	—	16	—	15	—	15	—	15	—	15	—	15	—	15	—	15	—	—		

FEBRUARY.

3	19	3	18	2	20	1	18	2	13	2	13	2	13	1	13	1	12	1	11	1	11	0	—	27	17	26
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—
1	26	2	19	1	28	1	29	1	31	1	34	1	30	1	29	1	32	1	35	1	35	1	37	25	31	40
11	20	9	19	10	20	10	20	9	20	9	20	7	21	7	21	6	25	8	22	7	21	7	23	197	21	32
4	14	6	12	5	13	5	8	7	11	5	9	9	10	5	11	9	12	5	10	8	12	6	10	126	11	30
3	9	2	8	2	11	3	12	1	11	2	11	3	9	4	9	1	9	3	9	0	—	2	11	60	10	22
1	12	2	18	1	18	1	20	0	—	2	8	2	7	2	7	2	9	1	7	3	10	2	9	46	10	24
3	14	3	13	5	13	5	12	5	11	2	13	3	11	4	10	5	10	5	11	4	13	6	14	99	13	26
2	—	1	—	2	—	2	—	3	—	5	—	1	—	4	—	3	—	4	—	4	—	4	—	92	—	—
—	16	—	15	—	16	—	15	—	13	—	13	—	13	—	13	—	13	—	13	—	13	—	14	—	14	—

MARCH.

0	—	2	13	1	6	2	11	2	9	2	9	2	16	2	14	2	17	0	—	0	—	1	20	36	14	34
3	20	1	21	4	16	1	14	1	27	2	22	1	13	1	13	0	—	1	13	0	—	0	—	22	18	27
2	13	3	12	2	15	5	14	5	12	4	10	2	13	2	13	3	16	1	25	2	20	2	17	47	16	30
6	17	5	15	6	16	7	15	6	16	5	15	6	14	3	17	5	14	6	12	5	15	5	13	117	15	28
4	8	7	12	6	11	3	13	3	13	5	12	4	11	6	13	5	13	6	15	9	13	6	12	141	13	31
5	23	5	23	4	22	5	20	6	19	5	13	5	13	7	11	7	9	4	9	5	10	8	14	124	16	36
5	16	4	23	5	18	6	22	6	19	6	19	5	20	1	7	1	10	4	16	1	11	3	16	98	19	39
5	22	3	20	2	32	2	20	1	20	1	20	3	12	5	17	5	14	5	15	5	16	3	11	93	16	41
1	—	1	—	1	—	0	—	1	—	1	—	3	—	4	—	3	—	4	—	4	—	3	—	66	—	—
—	17	—	16	—	16	—	17	—	16	—	14	—	13	—	12	—	12	—	12	—	12	—	13	—	14	—

APRIL.

2	20	2	20	2	18	0	—	0	—	0	—	0	—	1	6	0	—	0	—	0	—	0	—	12	17	26
1	13	2	8	0	—	2	13	0	—	1	6	0	—	0	—	0	—	0	—	0	—	0	—	10	11	16
5	13	3	16	4	14	3	17	4	16	5	13	3	18	3	20	2	19	2	17	2	16	3	16	74	16	26
13	16	11	14	13	15	7	13	9	11	7	10	4	10	6	8	6	10	3	14	4	14	4	11	148	13	28
0	—	3	21	2	15	6	15	4	13	4	13	5	12	3	12	3	10	5	10	4	8	3	10	76	11	29
0	—	1	7	2	15	2	21	2	21	2	10	2	14	2	16	5	11	4	13	4	14	4	12	55	13	26
2	26	2	24	1	22	1	18	1	17	2	17	2	9	5	11	1	22	2	17	3	8	4	9	58	15	32
6	21	6	21	6	21	9	19	7	20	7	18	8	14	6	14	8	13	8	13	7	18	7	17	185	17	37
1	—	0	—	0	—	0	—	3	—	2	—	6	—	4	—	5	—	6	—	6	—	5	—	102	—	—
—	17	—	17	—	16	—	16	—	14	—	13	—	10	—	10	—	10	—	11	—	11	—	11	—	—	

Digitized by

ABERDEEN.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and the
MAY 1890.

Points.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	4	9	2	12	2	10	3	6	1	8	2	13	2	12	7	12	5	12	3	16	3	13	1	24		
NE	0	—	0	—	0	—	1	12	1	11	2	16	2	9	2	14	2	13	6	12	7	14	8	15		
E	1	6	1	9	2	9	0	—	1	15	0	—	1	19	2	7	4	11	5	8	5	11	4	11		
SE	4	12	4	11	4	11	3	11	3	14	4	12	6	14	5	13	7	15	3	18	6	14	8	14		
S	0	—	1	7	0	—	3	9	1	10	2	9	4	8	6	11	2	11	4	14	2	18	1	18		
SW	4	8	1	7	2	7	0	—	2	9	2	9	1	7	1	12	2	11	2	9	3	12	3	14		
W	4	14	4	15	4	14	7	12	5	10	2	15	4	11	2	21	4	13	0	—	1	11	0	—		
NW	4	10	5	10	6	11	6	10	7	12	9	12	7	11	3	14	3	18	6	16	4	20	6	15		
Calms	10	—	13	—	11	—	8	—	10	—	8	—	4	—	3	—	2	—	2	—	0	—	0	—		
Mean Velocity irrespective of Direction	—	7	—	6	—	7	—	7	—	8	—	9	—	10	—	11	—	12	—	12	—	14	—	14		

JUNE.

N	2	18	2	18	1	10	1	11	1	11	1	13	1	13	1	14	1	13	2	13	4	11	3	12		
NE	0	—	0	—	1	26	1	29	1	29	1	26	1	25	1	26	1	23	1	25	1	25	3	16		
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	10	2	9	2	12	2	11	2	16		
SE	2	12	2	14	2	12	3	12	3	12	3	15	3	16	4	14	5	14	4	16	6	15	3	16		
S	6	13	5	14	5	12	5	12	6	12	5	11	6	11	7	13	7	12	9	13	6	14	9	15		
SW	4	12	4	11	5	10	6	8	4	12	7	12	8	11	6	13	5	13	2	14	2	15	2	11		
W	4	10	4	8	4	13	4	12	5	12	5	10	4	13	2	14	3	9	4	11	6	12	2	18		
NW	4	8	5	9	4	9	3	7	2	10	3	11	3	11	6	13	6	12	5	11	3	15	5	16		
Calms	8	—	8	—	8	—	7	—	8	—	5	—	4	—	2	—	0	—	1	—	0	—	1	—		
Mean Velocity irrespective of Direction	—	9	—	8	—	9	—	8	—	9	—	10	—	11	—	13	—	12	—	13	—	14	—	15		

JULY.

N	0	—	0	—	1	14	0	—	0	—	0	—	0	—	3	13	3	10	1	14	2	10	2	12		
NE	1	30	2	21	1	30	1	30	1	25	1	27	1	20	0	—	2	14	2	17	2	14	2	16		
E	1	11	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	7	1	8	1	10	0	—		
SE	1	23	2	12	2	17	1	10	0	—	0	—	1	6	3	9	3	10	2	11	3	15	8	11		
S	3	11	5	9	4	9	4	10	5	10	5	9	7	10	6	10	7	12	5	13	5	14	5	15		
SW	4	8	3	8	2	9	4	10	2	10	3	11	3	10	3	12	1	12	4	15	3	16	5	15		
W	5	12	6	11	8	12	7	14	7	14	7	17	8	18	6	19	5	20	5	16	2	15	2	26		
NW	8	12	9	11	8	11	9	11	9	13	9	11	7	13	7	17	8	16	10	16	12	17	7	20		
Calms	8	—	4	—	5	—	5	—	7	—	6	—	4	—	3	—	0	—	1	—	1	—	0	—		
Mean Velocity irrespective of Direction	—	9	—	10	—	10	—	10	—	10	—	10	—	12	—	13	—	14	—	14	—	15	—	16		

AUGUST.

N	2	8	1	10	1	11	1	12	1	11	1	12	1	10	2	12	1	19	0	—	1	8	1	6		
NE	2	16	0	—	1	21	0	—	1	21	1	7	2	16	1	21	2	17	3	18	3	18	3	16		
E	1	10	2	17	2	10	3	14	2	7	2	14	2	9	3	10	5	10	3	11	4	12	3	13		
SE	1	8	2	9	0	—	0	—	2	9	2	14	2	12	2	14	2	13	4	12	5	10	8	11		
S	2	9	2	13	3	7	3	7	3	9	3	8	2	8	3	6	6	9	3	9	6	11	4	12		
SW	6	10	3	12	8	9	7	10	3	9	2	12	5	10	6	10	2	9	4	11	3	14	3	15		
W	4	8	4	11	3	8	4	9	6	8	6	8	4	9	0	—	3	12	3	12	4	10	4	10		
NW	5	11	5	12	5	10	4	12	4	10	6	9	6	11	7	13	6	13	8	13	4	16	5	14		
Calms	8	—	12	—	8	—	9	—	9	—	8	—	7	—	7	—	4	—	3	—	1	—	0	—		
Mean Velocity irrespective of Direction	—	7	—	7	—	7	—	7	—	7	—	7	—	8	—	9	—	10	—	11	—	12	—	12		

ABERDEEN.

MEAN VELOCITY, &c. for each CALENDAR MONTH—continued.

MAY 1890.

P.M.																							Midt.		Monthly Totals and Means.		Maximum Velocity.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.		
1	20	1	20	1	20	1	16	1	15	2	18	2	16	4	12	5	10	4	11	2	11	2	11	61	12	24	
7	15	8	15	7	15	8	16	7	14	6	14	5	11	4	10	1	9	2	6	2	9	2	8	90	13	28	
6	10	4	13	4	12	4	9	5	9	5	7	2	11	1	6	2	10	3	9	1	6	0	—	63	10	22	
8	14	7	14	8	13	6	12	6	13	4	11	5	10	4	12	3	10	4	8	5	10	6	10	123	12	22	
2	17	4	15	5	14	6	14	3	13	6	12	6	11	5	10	4	10	3	7	1	10	3	9	74	12	20	
2	10	2	17	1	20	1	17	3	15	2	17	2	11	1	10	2	7	3	10	4	9	4	8	50	11	22	
0	—	1	11	0	—	0	—	0	—	1	10	1	8	2	14	2	14	2	16	2	14	1	21	49	13	23	
5	20	4	22	5	19	5	18	5	17	4	16	4	15	2	12	3	10	3	9	4	8	5	9	115	14	34	
0	—	0	—	0	—	0	—	1	—	1	—	4	—	8	—	9	—	7	—	10	—	8	—	119	—	—	
—	15	—	15	—	15	—	14	—	13	—	12	—	10	—	8	—	7	—	7	—	6	—	7	—	10	—	

JUNE.

3	11	2	13	2	14	2	15	2	14	4	12	5	11	4	11	1	12	3	10	2	9	4	13	54	12	27
2	18	3	15	2	14	3	15	4	14	3	16	3	11	2	22	2	21	3	23	2	19	1	20	42	10	29
3	13	4	12	3	17	2	14	4	11	3	12	1	24	0	—	2	18	0	—	1	30	0	—	32	14	30
9	14	6	13	8	11	7	11	4	11	4	10	3	12	3	11	3	11	3	13	4	12	3	15	97	13	24
4	15	6	14	5	13	3	13	5	15	5	15	4	14	5	9	5	12	4	12	6	11	5	10	133	13	24
2	11	4	14	2	14	4	12	3	10	1	16	3	12	3	12	5	11	4	10	2	10	4	11	92	11	20
3	16	2	15	4	14	4	16	2	16	4	14	3	12	3	12	1	14	1	14	3	8	4	10	81	12	24
4	18	3	18	3	17	5	16	6	14	4	13	3	15	5	11	5	8	3	7	2	8	3	7	95	12	27
0	—	0	—	1	—	0	—	0	—	2	—	5	—	5	—	6	—	9	—	8	—	6	—	94	—	—
—	15	—	14	—	13	—	14	—	13	—	12	—	11	—	10	—	10	—	9	—	9	—	9	—	11	—

JULY.

2	12	3	12	2	14	2	10	1	14	1	11	2	12	2	11	2	7	1	7	0	—	0	—	30	11	19
2	18	1	13	1	11	1	12	2	12	1	14	2	11	2	10	1	8	1	6	0	—	0	—	30	16	31
1	10	0	—	1	9	1	7	1	8	1	6	0	—	0	—	0	—	0	—	0	—	0	—	10	8	11
5	12	7	12	5	10	5	11	3	11	2	11	2	7	1	8	2	8	1	8	0	—	2	17	61	11	23
6	13	5	14	9	12	6	11	6	13	8	10	6	10	8	10	7	10	6	9	9	10	5	7	142	11	20
5	18	4	18	3	23	5	19	7	16	6	15	8	11	5	9	3	9	3	12	3	9	6	9	95	13	25
1	22	4	21	3	24	2	20	2	18	3	20	3	16	5	12	4	12	4	11	6	12	5	13	110	16	33
8	21	6	20	7	20	8	18	8	19	7	17	7	15	7	13	7	12	8	12	9	10	8	11	193	15	35
1	—	1	—	0	—	1	—	1	—	2	—	1	—	1	—	5	—	7	—	4	—	5	—	73	—	—
—	16	—	15	—	16	—	15	—	14	—	13	—	12	—	10	—	8	—	8	—	9	—	9	—	12	—

AUGUST.

2	14	2	13	1	11	3	9	2	9	2	9	3	9	1	9	3	9	2	9	2	9	2	8	38	10	19
2	19	2	19	2	18	3	15	4	14	5	12	3	12	3	10	1	10	1	12	1	10	2	14	48	15	22
5	12	5	11	5	11	4	13	2	17	1	20	1	20	1	20	1	20	2	14	1	17	1	7	61	12	23
5	11	5	12	5	11	4	13	3	11	2	9	1	7	3	8	1	10	1	7	2	6	1	6	63	11	18
7	15	5	13	5	11	6	11	7	11	4	9	5	8	4	8	3	8	2	11	2	8	1	14	91	10	22
1	19	3	15	4	15	5	12	5	15	8	12	7	12	7	11	7	10	5	11	5	12	6	10	115	11	20
4	12	3	11	1	8	2	14	1	10	2	12	2	8	2	9	5	7	7	8	5	8	5	10	84	9	20
4	12	4	12	5	14	2	11	4	13	3	9	4	9	5	8	4	9	2	8	5	8	3	11	110	11	22
1	—	2	—	3	—	2	—	3	—	4	—	5	—	5	—	6	—	9	—	8	—	10	—	134	—	—
—	13	—	12	—	11	—	11	—	11	—	10	—	8	—	8	—	8	—	7	—	7	—	7	—	9	—

ABERDEEN.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and the
SEPTEMBER 1890.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
E	0	—	1	8	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	7	0	—
SE	5	14	5	13	6	13	4	16	5	14	6	16	5	16	6	16	7	17	8	15	8	16	11	15
S	6	12	7	10	6	11	7	10	7	11	4	11	4	14	6	12	7	10	9	12	9	13	6	15
SW	8	11	6	12	5	8	6	11	4	13	11	10	7	13	5	13	5	13	3	16	3	13	3	14
W	2	8	3	9	4	8	5	7	5	7	3	7	4	10	2	7	2	9	5	14	4	11	7	14
NW	0	—	1	9	1	6	2	8	0	—	1	7	0	—	2	10	3	16	1	16	4	14	1	12
Calms	9	—	7	—	8	—	6	—	9	—	5	—	10	—	9	—	6	—	4	—	0	—	2	—
Mean Velocity irrespective of Direction	—	8	—	8	—	8	—	8	—	8	—	9	—	9	—	9	—	11	—	12	—	13	—	13

OCTOBER.

N	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	27
NE	0	—	0	—	0	—	0	—	0	—	1	8	1	7	0	—	0	—	2	20	1	32	0	—
E	1	12	1	11	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
SE	1	6	1	8	2	7	1	11	1	7	1	10	2	8	1	11	1	9	2	9	0	—	1	9
S	5	14	3	14	3	13	5	13	3	12	2	8	1	8	3	10	3	10	3	14	4	11	3	9
SW	9	13	10	11	10	10	6	12	7	12	7	13	7	13	3	13	8	13	7	11	8	14	9	13
W	7	19	3	27	8	16	8	17	6	16	5	10	9	17	9	12	8	15	7	13	8	16	6	11
NW	5	15	8	16	5	14	6	14	6	19	7	22	5	14	6	21	5	19	5	21	5	20	7	20
Calms	3	—	5	—	3	—	5	—	8	—	8	—	6	—	9	—	6	—	5	—	5	—	4	—
Mean Velocity irrespective of Direction	—	13	—	12	—	11	—	12	—	11	—	11	—	11	—	10	—	11	—	12	—	13	—	12

NOVEMBER.

N	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
E	0	—	0	—	1	11	0	—	0	—	0	—	1	26	2	22	2	21	1	30	2	18	1	23
SE	5	19	6	24	5	24	7	23	7	18	5	19	5	13	2	20	4	17	4	22	5	22	6	30
S	7	13	5	13	6	15	5	13	7	15	6	14	7	13	8	9	8	11	11	12	8	11	7	16
SW	4	11	4	12	3	10	6	10	3	9	6	11	5	7	4	15	5	15	2	10	3	9	4	12
W	9	14	4	14	6	14	6	11	7	11	8	13	6	11	8	11	4	15	5	11	5	14	5	12
NW	4	12	7	14	5	13	5	11	4	12	3	13	4	14	4	10	3	15	4	16	5	17	5	17
Calms	1	—	4	—	4	—	1	—	2	—	2	—	2	—	2	—	4	—	3	—	2	—	2	—
Mean Velocity irrespective of Direction	—	13	—	14	—	13	—	14	—	13	—	13	—	11	—	11	—	12	—	13	—	14	—	15

DECEMBER.

N	1	16	1	18	1	21	1	17	1	18	2	18	1	17	2	14	3	15	4	18	3	18	3	19
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	33	1	35
E	6	17	4	21	4	18	5	22	2	18	5	21	5	21	5	20	5	19	4	23	5	18	3	14
SE	10	15	8	15	11	16	7	16	9	18	7	16	8	14	8	16	7	14	7	16	8	17	8	18
S	5	9	10	11	6	12	11	11	7	13	8	13	9	11	9	11	9	13	9	13	4	16	7	13
SW	3	10	3	10	3	10	0	—	4	11	2	13	1	6	2	10	2	7	2	9	5	11	3	10
W	2	15	3	15	3	17	3	16	2	18	2	10	1	8	0	—	2	8	1	7	2	9	1	8
NW	2	15	2	16	2	17	2	19	3	14	2	23	4	14	3	15	1	18	1	10	0	—	0	—
Calms	2	—	0	—	1	—	2	—	3	—	3	—	2	—	2	—	2	—	3	—	3	—	5	—
Mean Velocity irrespective of Direction	—	13	—	14	—	15	—	14	—	14	—	14	—	13	—	14	—	13	—	14	—	14	—	13

ABERDEEN.

MEAN VELOCITY, &c. for each CALENDAR MONTH—continued.

SEPTEMBER 1890.

P.M.																						Midt.		Monthly Totals and Means.		Maximum Velocity.			
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.							
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.				
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—		
0	—	0	—	0	—	0	—	1	11	1	14	0	—	1	15	0	—	0	—	0	—	0	—	0	—	3	13		
0	—	0	—	0	—	1	10	0	—	0	—	1	14	0	—	1	18	1	18	1	17	1	16	9	13	18	13		
11	15	9	14	11	15	10	14	9	14	6	16	7	11	5	14	5	14	5	15	4	16	4	15	162	15	28	15		
11	15	12	14	10	13	10	11	9	11	12	9	8	10	9	11	7	11	6	10	6	11	4	13	182	12	26	12		
2	13	2	25	5	13	6	13	6	13	4	10	3	11	5	10	2	9	5	10	5	11	8	13	119	12	28	12		
3	15	5	12	3	17	1	25	2	11	3	16	2	15	2	13	2	13	2	11	2	14	1	7	74	11	28	11		
3	12	1	19	0	—	1	12	1	14	0	—	1	11	1	6	2	8	1	6	0	—	0	—	27	11	19	11		
0	—	1	—	1	—	1	—	2	—	4	—	8	—	7	—	11	—	10	—	12	—	12	—	144	—	—	—	—	
—	14	—	14	—	14	—	12	—	11	—	10	—	8	—	9	—	8	—	8	—	8	—	8	—	—	10	—	—	—

OCTOBER.

1	24	1	22	2	21	1	18	0	—	0	—	0	—	1	24	1	20	1	20	0	—	0	—	9	22	27
0	—	0	—	1	7	1	7	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	7	14	32
1	7	1	7	1	6	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	9	12
0	—	1	12	0	—	1	7	0	—	0	—	1	9	1	11	1	11	1	9	1	8	1	7	22	9	12
4	10	4	9	7	12	5	9	6	13	4	11	7	13	3	12	4	13	3	14	7	12	5	15	97	12	25
9	16	7	16	5	15	7	14	5	12	7	10	3	9	7	12	6	12	8	11	6	10	8	10	169	12	27
6	15	7	14	3	18	6	13	4	14	5	13	8	11	6	15	7	15	7	14	4	16	4	17	151	15	37
7	15	8	18	8	16	8	16	10	16	8	19	9	14	7	16	5	15	5	16	8	17	9	17	162	17	38
3	—	2	—	4	—	2	—	6	—	7	—	3	—	6	—	7	—	6	—	5	—	4	—	122	—	—
—	13	—	14	—	13	—	12	—	11	—	11	—	11	—	11	—	11	—	11	—	11	—	12	—	12	—

NOVEMBER.

0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—
2	17	2	16	2	13	3	16	2	11	2	10	1	11	3	15	3	14	1	23	1	24	1	9	33	16	30
6	21	6	19	6	20	3	29	6	26	5	25	7	24	4	25	5	22	5	22	5	23	4	24	123	22	45
7	14	7	14	8	15	10	12	7	11	9	14	8	10	7	17	8	13	5	11	6	12	6	16	173	13	34
4	12	5	9	3	8	6	12	3	15	4	10	2	11	4	11	1	11	4	9	3	12	5	11	93	11	30
5	11	3	14	2	20	5	12	6	11	6	14	3	16	4	16	5	14	6	14	4	12	7	12	129	13	27
4	19	5	16	5	14	2	16	2	13	1	7	4	10	4	10	5	13	4	11	7	13	4	16	100	14	30
2	—	2	—	4	—	1	—	4	—	3	—	5	—	4	—	3	—	5	—	4	—	3	—	69	—	—
—	15	—	14	—	13	—	14	—	13	—	13	—	12	—	14	—	13	—	12	—	13	—	13	—	13	—

DECEMBER.

3	19	3	20	2	20	2	19	2	19	3	15	1	19	2	16	0	—	0	—	1	14	1	15	43	17	26
1	37	0	—	2	14	1	21	1	14	0	—	1	21	0	—	1	8	0	—	0	—	0	—	9	22	37
4	18	5	19	2	25	3	22	1	21	3	17	4	23	3	21	6	18	4	13	3	22	4	19	95	20	30
6	19	6	17	10	17	8	18	13	17	9	19	10	17	9	20	9	16	12	17	11	19	9	19	210	17	29
7	11	7	11	6	11	5	13	5	13	7	11	4	12	4	12	5	12	5	13	6	12	5	12	160	12	23
5	10	4	9	2	6	4	9	2	8	2	9	5	9	6	9	2	9	2	9	2	10	4	11	70	9	18
1	10	1	11	2	12	4	10	3	9	3	10	3	10	3	14	4	9	4	10	4	10	4	9	58	11	30
1	7	1	7	2	9	1	11	2	12	2	12	1	17	2	14	3	15	3	14	2	13	2	16	44	14	23
3	—	4	—	3	—	3	—	2	—	2	—	2	—	2	—	1	—	1	—	2	—	2	—	55	—	—
—	13	—	13	—	13	—	13	—	14	—	13	—	14	—	14	—	13	—	14	—	14	—	14	—	14	—

ABERDEEN OBSERVATORY.

TABLE XII.—MEANS and EXTREMES of PRESSURE and TEMPERATURE, and AMOUNTS of RAINFALL
for each DAY of the YEAR.

JANUARY 1890.

FEBRUARY 1890.

DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.		
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				
				Dry.	Difference. (Dry-Wet.)						
1	ins.	ins.	ins.	40°1	2°5	43°2	35°3	in.	1		
2	29°998	30°049	29°915	41°4	2°4	44°2	36°6	—	2		
3	29°794	29°951	29°672	41°4	2°4	43°0	33°8	—	3		
4	29°490	29°672	29°377	39°6	1°2	41°6	37°2	*060	4		
5	29°344	29°377	29°278	39°3	2°5	47°2	41°1	*355	5		
6	29°145	29°283	29°043	44°4	2°7	50°6	40°8	—	6		
7	29°605	29°747	29°242	44°8	2°5	52°3	44°3	*015	7		
8	29°710	29°863	29°567	48°2	2°0	47°2	43°0	*160	8		
9	29°730	29°935	29°350	45°2	3°0	45°3	41°8	*415	9		
10	29°483	29°643	29°328	43°4	1°6	43°6	34°1	*105	10		
11	29°654	29°987	29°283	39°9	1°2	47°9	34°1	*115	11		
12	29°783	29°981	29°570	42°2	3°5	49°0	41°9	*020	12		
13	29°742	29°926	29°500	44°1	3°7	49°7	36°6	*005	13		
14	29°586	29°742	29°392	43°2	2°2	50°4	37°1	*200	14		
15	29°446	29°741	29°045	42°8	2°6	46°9	36°1	—	15		
16	29°681	29°778	29°440	40°4	2°2	51°0	45°6	—	16		
17	29°617	29°655	29°582	48°3	2°0	48°4	43°1	*000	17		
18	29°599	29°656	29°491	46°1	2°6	46°2	39°4	*240	18		
19	29°035	28°486	28°592	43°4	3°7	45°0	38°8	—	19		
20	28°554	28°766	28°371	41°4	2°9	40°1	32°8	—	20		
21	28°923	29°040	28°766	36°3	2°6	40°2	32°7	—	21		
22	28°983	29°083	28°843	36°4	1°5	38°1	30°5	*460	22		
23	28°750	28°852	28°614	33°7	1°3	31°2	20°3	*050	23		
24	28°875	29°099	28°750	25°4	2°1	40°1	23°6	*110	24		
25	29°269	29°377	29°100	33°9	2°9	49°2	39°2	—	25		
26	28°730	29°159	28°550	45°4	4°6	46°6	36°8	—	26		
27	28°940	29°093	28°685	41°7	3°2	42°7	34°7	*105	27		
28	29°427	29°801	29°031	39°0	2°2	39°1	32°8	*045	28		
29	29°842	30°083	29°778	35°2	2°1	42°3	33°2	*185	29		
30	30°066	30°166	29°971	37°1	1°4	47°4	41°7	—	30		
31	30°027	30°065	29°995	45°0	2°2	53°1	33°1	—	31		
31	30°078	30°122	30°009	46°1							
Maximum fall in one hour } 8 p.m. 18th - - - - -									0°160		

DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.		
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				
				Dry.	Difference. (Dry-Wet.)						
1	ins.	ins.	ins.	44°0	2°2	48°8	36°2	in.	1		
2	29°827	30°103	29°691	44°0	3°9	43°8	35°8	—	2		
3	29°862	30°003	29°691	40°3	3°0	50°7	41°0	—	3		
4	29°018	30°059	29°952	45°4	3°0	46°7	34°9	—	4		
5	29°955	30°040	29°859	42°0	2°8	45°9	31°8	—	5		
6	30°085	30°166	30°040	37°4	1°9	44°1	33°9	—	6		
7	30°250	30°364	30°161	37°7	1°3	41°3	31°7	—	7		
8	30°407	30°430	30°364	35°7	2°0	40°3	32°8	—	8		
9	30°339	30°404	30°291	36°2	1°7	40°3	36°1	—	9		
10	30°250	30°291	30°221	38°2	3°2	41°1	38°8	—	10		
11	30°243	30°270	30°209	40°1	2°5	41°5	36°8	—	11		
12	30°199	30°247	30°108	40°0	3°1	40°7	37°9	—	12		
13	29°947	30°105	29°821	39°1	3°7	39°8	34°7	—	13		
14	29°792	29°837	29°750	38°4	3°0	40°3	32°3	*010	14		
15	29°832	29°852	29°801	37°2	1°5	42°1	31°2	*160	15		
16	29°757	29°849	29°588	36°1	1°2	41°7	35°0	*490	16		
17	29°550	29°734	29°471	39°2	1°8	43°4	36°0	*010	17		
18	29°948	30°148	29°734	42°5	2°9	42°1	39°7	—	18		
19	30°290	30°388	30°148	40°9	3°1	40°0	37°2	—	19		
20	30°357	30°407	30°266	39°0	2°4	39°2	36°6	*080	20		
21	30°099	30°264	30°014	37°7	1°6	41°0	33°3	*035	21		
22	30°056	30°193	29°984	38°0	2°0	45°7	31°9	*020	22		
23	30°352	30°490	30°193	38°5	1°9	51°2	39°3	*030	23		
24	30°564	30°614	30°482	44°6	1°2	46°3	41°1	*010	24		
25	30°586	30°608	30°552	43°9	1°6	43°3	40°6	—	25		
26	30°487	30°591	30°366	42°1	3°1	42°4	35°0	*015	26		
27	30°456	30°556	30°331	39°1	2°6	36°7	31°4	*65	27		
28	30°428	30°530	30°388	33°3	2°1	36°5	29°4	—	28		
29	30°211	30°420	29°826	33°2							
Maximum fall in one hour } 6 a.m. 16th - - - - -									0°085		

MARCH.

APRIL.

1	ins.	ins.	ins.	°	°	°	°	in.	1
2	30°070	30°220	29°814	34°8	2°7	38°7	32°1	*040	2
3	30°348	30°446	30°220	32°3	3°1	37°6	26°7	—	3
4	30°315	30°439	30°109	34°9	3°3	44°2	26°6	—	4
5	29°644	30°109	29°390	41°6	3°2	52°0	34°6	*060	5
6	29°524	29°655	29°359	38°1	2°1	45°9	32°3	*105	6
7	29°322	29°397	29°227	43°4	4°2	47°1	39°1	*045	7
8	29°177	29°255	29°007	36°4	2°3	41°9	28°4	*635	8
9	29°114	29°228	28°963	31°4	1°1	35°4	26°7	*500	9
10	29°624	29°838	29°221	28°6	2°3	31°5	24°0	—	10
11	29°490	29°702	29°313	41°8	2°4	52°0	31°3	*045	11
12	29°582	29°774	29°293	50°5	4°0	54°4	42°1	*040	12
13	29°658	29°735	29°579	52°7	4°0	60°1	48°1	*005	13
14	29°480	29°586	29°397	47°9	3°9	52°2	40°5	*005	14
15	29°501	29°565	29°376	41°5	3°3	45°7	36°7	—	15
16	29°216	29°375	29°172	44°6	2°6	48°2	41°0	—	16
17	29°064	29°172	28°989	45°1	1°5	47°2	43°6	*020	17
18	29°101	29°205	28°966	39°3	1°3	44°4	35°7	*540	18
19	29°439	29°618	29°267	40°2	1°8	45°1	33°6	—	19
20	29°632	29°647	29°614	41°0	2°1	45°4	36°7	—	20
21	29°453	29°619	29°343	40°8	1°1	42°3	37°6	*650	21
22	29°420	29°527	29°323	42°0	1°1	45°0	39°4	*220	22
23	29°454	29°528	29°399	42°8	1°3	46°8	41°2	—	23
24	29°438	29°479	29°382	42°1	2°2	47°1	34°2	—	24
25	29°302	29°457	29°176	39°8	1°4	42°7	31°7	—	25
26	29°263	29°355	29°158	42°0	1°3	42°7	41°3	*035	26
27	29°326	29°567	29°181	45°1	4°2	51°7	40°7	*015	27
28	29°589	29°753	29°442	47°9	5°5	55°2	40°5	—	28
29	29°760	29°788	29°740	47°4	3°1	52°1	42°5	*005	29
30	29°606	29°740	29°514	47°7	5°1	54°0	43°6	—	30
31	29°857	30°103	29°651	44°0	3°7	49°2	38°0	*005	31
31	30°203	30°234	30°104	40°8	3°0	46°0	37°7	*025	31

1	ins.	ins.	ins.	°	°	°	°	in.	1
2	30°105	30°208	30°042	47°1	4°5	56°0	36°4	—	2
3	30°044	30°070	30°010	47°6	3°4	54°2	41°9	—	3
4	30°030	30°058	30°002	44°7	2°8	56°3	37°7	—	4
5	29°994	30°050	29°941	46°6	4°6	54°7	35°6	—	5
6	29°938	30°001	29°795	44°7	2°8	50°0	42°0	—	6
7	29°483	29°794	29°145	47°7	3°7	55°8	42°1	*060	7
8	29°224	29°407	29°022	41°9	3°0	47°0	35°1	*145	8
9	29°523	29°728	29°365	39°4	3°8	42°7	34°9	*005	9
10	29°714	29°766	29°662	38°2	3°2	42°0	34°7	*075	10
11	29°723	29°781	29°663	37°7	3°5	43°9	34°1	*005	11
12	29°812	29°841	29°766	38°2	3°1	43°4	35°0	*035	12
13	29°706	29°792	29°670	35°6	2°1	41°4	36°1	*010	13
14	29°599	29°677	29°559	35°3	2°6	40°5	27°9	*005	14
15	29°616	29°651	29°579	38°5	2°4	45°0	30°3	*035	15
16	29°628	29°657	29°606	42°1	3°5	44°9	40°4	—	16
17	29°659	29°694	29°629	42°8	0°9	43°9	41°7	*040	17
18	29°733	29°811	29°669	42°6	2°0	44°2	41°0	*005	18
19	29°868	29°934	29°805	43°2	2°2	46°2	40°5	*065	19
20	29°967	30°002	29°927	40°9	2°7	45°0	33°7	*030	20
21	29°969	29°991	29°939	40°3	3°0	45°1	32°4	—	21
22	29°734	29°939	29°614	46°6	2°8	54°0	41°8	*020	22
23	29°325	29°613	29°132	47°4	4°3	53°1	43°3	*190	23
24	29°460	29°525	29°390	48°0	5°4	56°3	40°2	*010	24
25	29°370	29°509	29°276	44°4	3°4	51°9	37°0	*245	25
26	29°274	29°389	29°224	41°6	2°8	48°1	35°0	*010	26
27	29°580	29°746	29°388	44°9	3°0	50°5	37°8	*050	27
28	29°812	29°893	29°746	42°8	3°6	47°6	39°2	*030	28
29	29°766	29°880	29°747	42°2	1°9	46°2	37°0	*245	29
30	29°783	29°821	29°746	44°1	1°4	48°0	39°5	*005	30
31	29°883	29°981	29°799	48°4	2°2	56°5	43°3	*035	31

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., ABERDEEN—*cont.*

MAY 1890.										JUNE 1890.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.		
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.		Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				
				Dry.	Difference. (Dry—Wet.)							Dry.	Difference. (Dry—Wet.)						
1	ins. 29°970	ins. 30°024	ins. 29°926	45°9	1°9	50°6	39°4	in. —	ins. 29°677	ins. 29°891	ins. 29°577	50°2	4°5	57°5	44°3	in. 1°55	1		
2	29°776	29°925	29°728	45°4	2°2	51°0	39°0	0005	29°539	29°666	29°362	51°1	3°4	57°7	42°4	0015	2		
3	29°788	29°824	29°739	45°4	1°6	50°0	38°7	—	29°408	29°456	29°264	55°9	2°8	60°7	49°8	130	3		
4	29°716	29°742	29°707	47°0	1°4	53°7	41°3	—	29°472	29°618	29°215	59°0	6°1	67°0	49°7	070	4		
5	29°682	29°727	29°654	48°6	1°6	54°4	44°6	—	29°655	29°679	29°618	57°9	3°9	64°2	49°9	010	5		
6	29°638	29°677	29°614	47°4	0°5	50°1	46°0	150	29°740	30°015	29°569	52°0	3°5	60°6	44°0	190	6		
7	29°641	29°685	29°598	45°4	0°3	49°5	43°2	010	30°156	30°250	30°015	50°0	5°5	57°1	41°4	005	7		
8	29°609	29°733	29°605	47°4	0°9	51°6	42°5	010	30°063	30°243	29°858	48°2	2°9	53°3	37°3	030	8		
9	29°657	29°733	29°581	48°0	0°7	51°8	45°2	015	29°752	29°857	29°722	56°0	2°5	65°3	48°7	185	9		
10	29°517	29°591	29°498	45°7	0°3	46°4	45°2	350	29°710	29°795	29°585	55°1	3°0	60°7	50°7	005	10		
11	29°474	29°572	29°349	45°4	0°2	46°2	44°5	730	29°556	29°585	29°534	5°4	1°0	52°0	48°9	025	11		
12	29°372	29°446	29°306	50°5	1°7	57°5	45°7	160	29°781	30°009	29°563	51°2	1°3	54°1	49°6	105	12		
13	29°438	29°474	29°392	47°6	1°0	54°3	40°4	005	30°155	30°236	30°002	49°9	3°9	53°0	46°7	020	13		
14	29°483	29°658	29°355	50°7	4°8	58°1	41°2	000	30°253	30°300	30°225	48°8	4°8	53°7	40°0	—	14		
15	29°707	29°756	29°648	48°0	3°3	53°7	42°0	025	30°162	30°298	30°011	50°9	2°6	57°8	37°4	008	15		
16	29°687	29°751	29°541	48°9	2°2	54°0	43°4	115	29°814	30°010	29°696	59°9	5°2	66°7	51°4	025	16		
17	29°409	29°580	29°296	51°8	2°4	59°4	46°3	630	29°627	29°735	29°555	55°0	5°1	61°7	49°9	090	17		
18	29°703	29°782	29°581	49°7	2°0	57°0	45°2	280	29°758	29°813	29°694	53°2	5°8	58°4	49°0	155	18		
19	29°772	29°787	29°757	48°3	0°7	51°7	46°7	470	29°808	29°834	29°730	55°5	4°7	61°7	51°6	025	19		
20	29°729	29°774	29°702	48°9	0°6	52°8	45°9	010	29°713	29°793	29°655	58°6	7°1	65°7	51°3	—	20		
21	29°918	30°032	29°768	52°4	3°1	58°1	47°7	—	29°818	29°844	29°787	55°2	5°1	63°3	50°0	030	21		
22	30°154	30°201	30°081	59°3	4°0	68°0	51°0	—	29°862	29°922	29°800	56°5	5°3	64°7	46°0	010	22		
23	30°206	30°216	30°193	57°0	3°8	64°2	47°4	—	29°924	29°997	29°841	56°0	3°3	69°4	42°1	005	23		
24	30°134	30°227	30°105	49°3	0°7	56°1	44°3	—	29°884	29°931	29°718	57°5	6°2	64°3	48°3	040	24		
25	30°075	30°105	30°052	46°9	2°8	50°7	43°0	010	29°717	29°885	29°526	57°1	6°4	63°6	49°3	040	25		
26	30°010	30°053	29°977	48°3	4°8	52°7	45°0	—	29°754	29°886	29°599	51°8	3°3	55°0	45°8	005	26		
27	29°976	30°005	29°950	49°2	4°6	54°1	45°0	010	29°525	29°629	29°475	51°4	2°2	56°1	47°1	220	27		
28	29°969	30°001	29°924	50°6	4°4	56°3	46°0	—	29°721	29°791	29°629	50°5	2°9	56°1	44°1	035	28		
29	29°790	29°923	29°701	48°0	3°5	54°5	43°9	115	29°646	29°771	29°462	51°6	3°2	57°3	45°9	100	29		
30	29°770	29°882	29°677	43°5	4°7	49°8	37°3	035	29°567	29°462	29°329	53°3	2°0	56°3	49°8	—	30		
31	29°939	29°976	29°879	45°5	4°4	52°3	37°9	105											
Maximum fall in one hour } 7 a.m. 17th								0°240	Maximum fall in one hour } 2 p.m. 1st								0°095		

JULY.										AUGUST.									
1	ins. 29°568	ins. 29°654	ins. 29°434	52°8	3°4	57°0	48°0	ins. 015	ins. 29°705	ins. 29°752	ins. 29°674	57°6	3°2	64°5	52°9	ins. 010	1		
2	29°642	29°653	29°632	51°7	3°4	57°1	47°6	020	29°868	29°970	29°742	57°9	4°3	64°6	52°0	005	2		
3	29°657	29°687	29°624	50°1	2°7	54°1	44°3	035	29°904	29°963	29°868	61°6	5°4	70°6	52°6	055	3		
4	29°649	29°670	29°611	52°3	4°3	58°2	44°6	010	29°878	29°954	29°836	64°9	3°7	71°5	58°7	020	4		
5	29°625	29°662	29°604	51°2	3°3	54°9	46°3	020	29°899	29°960	29°838	66°3	4°7	73°8	59°4	055	5		
6	29°660	29°682	29°640	50°7	3°6	55°7	46°8	025	30°023	30°103	29°856	56°2	2°7	61°4	54°4	020	6		
7	29°578	29°665	29°417	51°0	3°4	56°7	44°7	590	30°123	30°153	30°097	58°0	3°5	64°6	52°4	—	7		
8	29°288	29°420	29°226	50°4	4°0	56°9	45°3	780	30°137	30°156	30°120	57°3	4°5	66°2	45°9	—	8		
9	29°443	29°634	29°325	50°8	4°0	54°5	44°9	—	30°122	30°158	30°078	56°0	1°8	58°7	52°6	020	9		
10	29°798	29°897	29°627	51°1	4°3	56°9	45°2	—	29°949	30°078	29°810	58°0	2°1	61°1	55°7	—	10		
11	29°864	29°893	29°804	50°4	3°8	58°0	41°8	040	29°716	29°814	29°697	57°4	1°8	59°8	56°2	065	11		
12	29°661	29°804	29°565	51°8	3°3	55°8	47°8	—	29°670	29°702	29°637	57°4	1°6	61°6	55°4	067	12		
13	29°379	29°570	29°270	57°4	2°3	68°5	51°0	260	29°654	29°690	29°583	55°6	3°0	58°7	53°4	003	13		
14	29°345	29°501	29°200	58°7	4°7	63°7	53°5	018	29°458	29°585	29°326	55°7	2°6	60°0	51°8	055	14		
15	29°630	29°871	29°492	56°4	4°1	63°4	50°6	125	29°079	29°326	28°920	55°4	2°3	61°7	52°3	715	15		
16	30°001	30°050	29°870	53°6	3°2	59°5	46°5	015	29°299	29°414	29°155	55°3	4°6	61°6	51°2	010	16		
17	29°912	30°041	29°794	55°0	1°6	59°4	52°4	—	29°497	29°642	29°403	56°4	3°5	62°6	52°7	155	17		
18	29°736	29°829	29°690	53°4	1°8	56°4	50°4	185	29°732	29°814	29°642	54°9	3°6	59°3	50°3	020	18		
19	29°985	30°115	29°834	52°0	3°9	57°1	45°0	—	29°764	29°810	29°696	54°5	3°8	60°0	49°2	—	19		
20	30°070	30°121	29°965	54°7	4°6	62°0	43°1	002	29°645	29°712	29°577	53°8	3°5	62°2	46°0	165	20		
21	29°853	29°965	29°730	61°2	3°3	69°3	54°9	018	29°574	29°703	29°485	53°0	2°8	59°6	45°0	080	21		
22	29°762	29°802	29°734	57°9	7°3	62°5	53°6	—	29°584	29°607	29°546	53°7	5°8	62°1	45°0	005	22		
23	29°603	29°808	29°610	57°6	5°4	67°1	52°7	090	29°445	29°548	29°413	48°9	2°3	56°4	45°0	325	23		
24	29°715	29°787	29°647	53°2	4°2	59°0	48°7	140	29°437	29°462	29°413	50°9	3°0	59°6	43°6	190	24		
25	29°848	29°900	29°795	53°7	4°2	59°5	45°8	—	29°360	29°440	29°225	52°9	2°3	58°2	47°3	—	25		
26	29°642	29°807	29°546	59°3	4°0	68°8	47°9	—	29°104	29°224	29°054	51°7	1°8	53°7	49°9	410	26		
27	29°577	29°650	29°536	57°9	3°8	62°3	54°4	015	29°204	29°283	29°053	52°0	2°5	56°2	44°7	020	27		
28	29°503	29°592	29°450	57°4	5°4	63°3	52°7	040	29°601	29°719	29°383	52°2	3°8	57°8	46°5	065	28		
29	29°638	29°673	29°567	57°0	5°0	64°2	51°2	225	29°846	29°962	29°750	48°1	2°9	54°1	43°0	180	29		
30	29°458	29°565	29°438	60°2	3°1	69°3	53°1	155	30°003	30°048	29°958	45°8	2°7	53°0	40°0	055	30		
31	29°568	29°673	29°464	60°2	4°7	68°5	50°9	005	30°096	30°132	30°035	48°7</							

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., ABERDEEN—cont.

SEPTEMBER 1890.												OCTOBER 1890.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.		Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Dry.	Difference. (Dry—Wet.)							Dry.	Difference. (Dry—Wet.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
1	ins. 29°961	ins. 30°104	ins. 29°856	50°6	2°3	57°0	39°0	in. 0°30	ins. 29°368	ins. 29°821	ins. 29°114	45°8	1°4	50°2	42°7	in. 0°725	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
2	29°850	29°897	29°816	58°9	2°4	67°6	53°5	0°30	29°981	30°112	29°718	44°9	2°9	49°2	38°9	0°190	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
3	29°862	29°897	29°832	61°4	3°2	72°2	53°6	0°105	29°622	29°727	29°546	57°7	4°1	64°6	49°3	—	3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
4	30°047	30°176	29°884	59°5	3°2	65°1	54°4	0°05	29°795	29°831	29°727	55°7	5°2	61°6	51°6	0°015	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
5	30°154	30°191	30°103	56°3	2°8	62°7	51°6	—	29°643	29°762	29°538	57°6	3°5	63°3	52°0	—	5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
6	30°274	30°346	30°153	55°7	4°3	64°8	48°2	—	29°663	29°735	29°569	51°3	5°2	56°1	47°6	0°20	6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
7	30°307	30°344	30°255	57°0	4°1	66°5	47°7	—	29°851	30°140	29°721	48°4	3°9	53°4	44°3	—	7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
8	30°158	30°254	30°041	61°5	4°8	72°9	49°7	—	30°322	30°375	30°142	47°2	3°5	52°5	39°4	—	8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
9	30°075	30°133	29°994	57°5	3°4	64°4	53°1	—	30°078	30°235	30°003	51°3	3°3	63°1	38°7	—	9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
10	29°965	30°079	29°849	54°6	4°9	60°0	47°3	—	29°951	30°003	29°918	58°2	3°8	68°0	50°8	0°10	10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
11	29°938	30°083	29°781	55°3	3°4	59°1	52°3	0°075	30°001	30°076	29°929	54°5	1°4	57°3	50°9	—	11																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
12	30°100	30°130	30°059	57°1	4°3	67°0	48°4	—	30°066	30°093	30°045	56°7	3°5	65°3	48°4	—	12																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
13	30°086	30°126	30°044	54°5	2°5	62°7	43°5	—	30°030	30°082	29°931	48°9	2°2	57°0	40°3	—	13																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
14	30°065	30°088	30°045	59°2	3°4	68°0	51°8	—	29°736	29°931	29°415	52°1	2°6	59°9	46°7	0°10	14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
15	29°971	30°058	29°903	56°2	1°8	59°2	52°0	0°005	29°166	29°415	29°007	47°0	4°1	51°7	42°0	0°20	15																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
16	29°897	29°924	29°861	55°9	1°1	57°2	54°7	—	29°213	29°482	29°906	43°7	2°8	46°8	40°6	0°165	16																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
17	29°835	29°877	29°811	56°4	1°7	57°7	55°6	—	29°597	29°835	29°441	47°0	2°0	50°5	41°9	0°200	17																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
18	29°775	29°840	29°726	56°7	1°1	60°7	55°0	0°170	30°017	30°114	29°834	46°1	3°4	48°1	44°6	0°040	18																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
19	29°774	29°830	29°725	55°4	0°4	56°6	54°0	0°030	30°146	30°186	30°101	45°9	3°3	48°9	44°4	—	19																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
20	29°565	29°724	29°460	55°8	1°0	57°9	54°6	0°060	30°131	30°168	30°096	44°4	1°0	47°1	42°7	0°390	20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
21	29°471	29°498	29°430	55°9	2°8	58°4	54°1	—	30°212	30°288	30°136	48°1	0°5	50°5	45°0	0°200	21																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
22	29°442	29°624	29°253	56°2	2°6	61°7	52°3	—	30°313	30°337	30°284	51°7	1°5	56°2	47°0	0°035	22																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
23	29°655	29°733	29°624	53°6	1°6	59°6	47°4	0°175	30°146	30°323	29°920	52°2	2°6	58°8	47°9	—	23																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
24	29°729	29°932	29°657	56°0	4°1	64°0	50°6	—	29°727	29°920	29°633	50°1	3°0	57°6	44°6	—	24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
25	30°032	30°132	29°804	52°9	4°6	58°7	47°5	0°340	29°425	29°638	29°245	41°6	2°8	45°7	35°7	0°005	25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
26	29°838	30°076	29°743	62°5	5°4	70°6	53°1	0°025	29°366	29°600	29°215	37°1	2°3	43°7	33°8	0°185	26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
27	29°955	30°041	29°911	61°7	4°1	67°9	55°0	—	29°716	29°820	29°595	34°3	2°1	38°0	32°1	0°550	27																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
28	29°867	29°936	29°737	54°6	4°2	59°1	51°0	0°010	29°680	29°853	29°367	38°3	2°0	40°6	32°1	—	28																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
29	29°497	29°741	29°275	52°5	4°2	59°7	45°7	—	29°320	29°575	29°175	51°4	4°3	58°8	42°8	—	29																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
30	29°447	29°552	29°248	46°6	3°7	51°6	43°6	0°330	29°731	29°824	29°575	43°2	3°2	46°7	38°9	0°125	30																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
									29°339	29°590	29°247	46°5	0°9	50°0	43°8	0°795	31																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Maximum fall in one hour } 9 p.m. 25th									Maximum fall in one hour } 5 a.m. 15th																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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FALMOUTH OBSERVATORY.

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TABLE I.

FALMOUTH OBSERVATORY - . . . LAT. 50° 9' N. LONG. 5° 4' W.
Barometer Cistern, 183 feet above Mean Sea Level.

The readings are corrected for temperature, but are not reduced to Mean Sea Level.

[illegible]

HOURLY and DAILY MEANS of TEMPERATURE for FIVE-DAY PERIODS.

TORY - - - - - - - - -
Dry-bulb Thermometer, 4 feet above Ground. LAT. 50° 9' N. LONG. 5° 4' W.

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TABLE II.—HOURLY and DAILY MEANS OF TEMPERATURE for FIVE-DAY PERIODS—continued.

Five-day Periods.	A.M.												Noon.	P.M.												Midt. Means (Five Days).	Five-day Periods.
	Midt.													Midt.													
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.			
1890. July 30-4	52.0	51.8	51.8	52.5	53.0	53.1	53.8	55.2	55.8	56.5	56.3	56.8	56.7	57.6	57.5	56.9	56.9	55.4	55.1	55.0	55.3	55.4	55.9	51.9	54.4	1890. July 30-4	
" 5-9	52.7	52.5	52.1	52.2	52.2	51.8	53.3	54.8	55.8	56.3	56.6	56.7	56.8	57.7	57.3	58.3	57.6	57.1	56.7	55.1	55.1	55.6	55.3	53.1	54.9	" 5-9	
" 10-14	53.3	53.3	52.4	53.2	53.2	51.9	53.7	56.4	57.7	58.5	57.8	58.7	58.9	58.8	58.4	57.0	57.4	57.8	57.0	56.2	55.4	55.0	53.6	54.0	55.7	" 10-14	
" 15-19	54.7	54.2	53.7	53.7	53.8	53.7	54.8	56.6	57.5	58.2	58.5	58.9	59.4	60.1	60.3	60.2	59.3	59.0	58.4	57.4	56.2	55.4	54.9	54.6	56.7	" 15-19	
" 20-24	57.2	57.1	57.0	56.7	56.7	56.6	57.4	58.6	59.2	60.8	62.4	63.0	63.2	63.4	63.0	62.4	62.0	61.5	60.8	59.5	58.1	57.8	57.9	57.8	59.5	" 20-24	
" 25-29	56.9	56.7	56.4	56.0	55.8	55.6	55.9	58.5	60.2	61.1	62.5	63.4	63.7	63.1	62.7	63.3	61.8	61.1	60.3	59.2	58.2	57.6	57.5	57.0	59.2	" 25-29	
Aug. 30-3	57.3	57.0	56.9	57.1	57.1	57.4	58.2	60.4	61.3	62.2	62.2	62.1	62.8	63.2	63.8	63.2	62.7	62.4	61.9	59.9	58.5	57.2	56.8	56.6	59.8	Aug. 30-3	
" 4-8	56.9	57.2	57.1	56.9	56.7	57.2	57.9	59.4	61.3	62.8	64.1	64.4	64.9	64.9	64.5	64.3	63.5	62.0	61.3	60.3	58.8	57.8	57.8	57.9	60.3	" 4-8	
" 9-13	58.8	58.6	57.7	58.0	57.8	58.0	58.1	59.5	59.8	61.4	61.8	61.5	61.9	62.5	62.9	62.7	62.5	61.4	60.5	59.9	59.5	58.8	58.6	58.2	60.0	" 9-13	
" 14-18	55.2	54.3	54.7	55.6	55.5	55.0	54.9	57.0	58.5	60.4	61.0	61.8	61.6	62.5	62.7	63.0	61.9	61.2	59.7	58.3	56.5	56.1	56.0	55.8	58.2	" 14-18	
" 19-23	56.9	56.6	56.5	56.0	55.5	55.4	55.4	57.2	57.7	58.8	59.5	60.1	59.8	60.9	59.9	60.8	59.7	59.9	58.3	57.3	56.5	55.7	55.9	55.7	57.7	" 19-23	
" 24-28	51.9	52.2	51.8	52.3	51.3	51.1	51.1	53.8	55.4	57.3	56.6	56.3	57.8	58.5	57.1	56.8	56.8	56.8	55.7	54.2	53.2	52.6	51.8	52.0	54.4	" 24-28	
Sept. 29-2	50.0	49.7	49.6	49.6	49.3	49.4	49.2	51.6	54.5	56.6	57.7	58.6	59.0	59.5	59.3	59.8	58.8	57.9	56.6	54.7	53.1	51.3	50.5	50.6	53.9	Sept. 29-2	
" 3-7	57.7	58.0	57.7	57.7	57.7	57.8	57.8	58.5	59.8	61.3	62.6	63.2	64.3	65.2	64.4	64.0	63.1	62.7	61.9	60.7	59.6	59.1	58.7	58.4	60.4	" 3-7	
" 8-12	55.7	55.6	55.4	55.1	55.0	55.3	55.2	56.7	59.2	61.1	61.5	62.4	63.2	63.8	62.2	62.3	61.4	60.6	59.4	57.9	57.0	56.5	56.1	55.6	58.4	" 8-12	
" 13-17	57.4	57.4	57.3	57.6	57.7	57.5	57.9	58.7	60.5	61.2	62.2	62.4	62.2	62.0	61.2	61.0	60.7	59.8	59.1	58.0	57.0	56.4	56.0	56.5	59.0	" 13-17	
" 18-22	55.0	54.6	54.5	54.2	54.3	54.4	54.3	54.6	57.0	58.5	59.5	60.4	60.6	60.6	60.2	59.8	59.0	58.1	57.0	56.0	55.9	55.2	54.8	54.9	56.7	" 18-22	
" 23-27	55.4	55.6	55.4	55.4	54.7	54.8	55.0	55.5	56.5	58.4	59.2	59.9	60.8	60.5	60.5	59.7	59.0	58.1	56.7	55.6	55.4	55.3	55.2	54.8	56.9	" 23-27	
Oct. 28-2	53.6	52.9	52.7	53.1	52.6	53.0	52.6	53.1	54.3	55.4	56.5	57.9	58.8	59.3	58.3	58.1	57.5	56.6	54.4	52.8	52.6	52.4	52.4	52.4	54.6	Oct. 28-2	
" 3-7	54.0	53.9	53.8	53.8	53.8	54.0	54.0	54.1	55.6	57.3	58.2	58.9	59.0	59.2	58.9	58.7	58.3	57.8	57.1	56.6	56.5	56.6	56.6	56.4	56.4	" 3-7	
" 8-12	49.5	49.5	48.1	48.2	49.2	49.5	49.7	49.8	50.9	53.7	55.4	56.5	57.0	57.3	57.0	56.2	56.2	55.4	54.3	53.4	52.6	51.9	50.5	48.5	52.5	" 8-12	
" 13-17	49.9	50.1	49.8	49.7	49.8	50.5	50.0	50.2	50.6	51.3	52.4	53.7	54.4	54.9	54.2	53.9	54.3	53.7	52.7	52.3	52.6	52.6	51.9	50.5	51.9	" 13-17	
" 18-22	52.1	51.8	51.1	50.2	49.9	49.8	50.1	49.4	50.2	52.3	53.3	54.3	54.9	54.7	54.6	54.3	53.5	52.6	51.8	52.0	52.0	51.7	51.7	51.4	52.1	" 18-22	
" 23-27	48.8	49.2	48.6	48.7	48.4	47.5	47.8	48.1	48.5	49.9	51.1	52.0	51.9	51.1	50.9	51.7	49.6	48.5	47.1	47.7	47.1	46.6	47.8	47.7	48.9	" 23-27	
Nov. 28-1	50.4	50.7	50.7	50.6	50.5	51.0	50.9	50.4	50.2	51.4	52.0	52.9	53.0	54.0	53.7	53.5	53.6	51.8	51.2	51.3	51.3	51.7	51.7	52.1	51.7	Nov. 28-1	
" 2-6	49.3	48.5	48.1	48.5	47.1	47.5	47.8	47.5	47.3	48.6	49.6	50.3	50.0	51.1	51.5	51.7	51.0	50.5	50.1	49.4	49.7	49.8	49.1	48.8	49.3	" 2-6	
" 7-11	46.3	45.9	45.5	45.2	45.0	44.7	44.1	43.9	44.1	46.1	47.2	48.5	48.7	49.3	48.8	48.3	47.0	44.9	44.7	44.2	44.3	44.6	44.5	44.8	45.8	" 7-11	
" 12-16	48.5	48.9	49.1	48.8	48.8	48.9	48.8	49.0	48.6	50.0	51.3	52.2	52.4	52.4	52.3	52.3	51.8	51.3	51.5	51.7	51.4	50.8	50.3	49.5	50.4	" 12-16	
" 17-21	51.4	51.6	51.7	51.8	51.5	51.4	51.6	51.9	51.9	52.5	53.0	53.7	53.5	53.3	53.1	52.9	52.3	51.7	51.3	51.2	51.0	50.9	51.0	51.0	51.9	" 17-21	
" 22-26	47.0	46.9	46.0	45.5	44.9	45.0	44.4	44.1	44.3	45.0	45.8	46.0	46.2	46.8	46.1	45.9	44.5	44.0	43.2	43.2	43.0	43.3	43.2	43.2	44.8	" 22-26	
Dec. 27-1	50.5	51.0	51.1	51.2	50.9	50.6	51.1	51.0	51.2	51.7	52.2	52.8	53.9	54.6	54.7	54.6	54.0	53.4	52.8	52.8	52.8	52.8	52.8	52.8	53.4	Dec. 27-1	
" 2-6	42.5	42.5	42.5	41.6	41.3	41.3	41.5	41.8	42.4	42.7	43.1	44.5	44.9	44.1	43.8	43.6	43.0	42.4	42.2	42.2	42.2	41.9	41.7	41.6	42.5	" 2-6	
" 7-11	39.9	40.4	41.3	41.3	41.1	40.9	41.3	41.6	41.7	42.0	42.3	42.6	42.9	42.4	42.3	42.3	42.0	42.4	42.0	42.0	41.9	41.6	41.9	41.2	41.8	" 7-11	
" 12-16	38.7	38.1	37.8	38.0	37.7	38.5	39.3	39.7	39.7	39.4	40.2	39.9	40.3	40.4	39.9	39.3	38.4	37.8	37.3	36.8	35.9	35.6	35.9	35.8	38.2	" 12-16	
" 17-21	36.6	36.4	36.2	36.3	36.7	36.5	36.3	36.6	36.4	36.9	37.3	37.8	38.6	38.9	38.5	38.7	38.4	38.3	38.3	38.6	38.4	38.3	38.7	38.8	37.6	" 17-21	
" 22-26	40.6	40.4	40.3	40.8	40.1	39.8	40.1	39.7	39.1	39.6	39.1	40.0	41.1	41.8	41.9	42.0	41.4	41.3	41.1	41.0	40.8	40.4	40.1	40.0	40.4	" 22-26	
" 27-31	31.5	31.5	30.8	30.9	30.8	31.3	32.0	32.3	32.0	32.2	32.6	33.3	33.7	33.7	33.9	34.0	33.1	33.2	33.2	33.2	33.1	32.9	32.5	32.4	32.5	" 27-31	

TABLE III.

HOURLY and DAILY MEAN DIFFERENCE between the DRY and WET-BULB THERMOMETERS for FIVE-DAY PERIODS.

FALMOUTH OBSERVATORY - - - - - LAT. 50° 9' N. LONG. 5° 4' W.

Five-day Periods.	Midt.	A.M.												Noon.		P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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		0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.		13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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TABLE III.—HOURLY and DAILY MEAN DIFFERENCE between the DRY and WET-BULB THERMOMETERS for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.	A.M.												P.M.												Daily Means (Five Days).	Five-day Periods.		
		Noon.												P.M.															
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.				
1890. July 30-4	0.6	1.1	1.4	1.2	1.1	1.3	1.8	1.9	2.9	4.1	4.6	4.1	4.1	4.9	5.0	4.4	4.6	3.6	3.4	3.1	2.3	1.8	1.7	1.8	1.7	1.8	1.7	0.8	July 30-4
" 5-9	1.1	1.2	1.2	1.1	1.3	0.9	1.6	2.1	2.5	3.1	3.2	3.3	3.1	3.6	3.2	3.7	3.5	3.4	3.4	2.7	2.5	1.5	1.3	1.1	1.2	1.1	1.2	2.3	" 5-9
" 10-14	1.0	1.1	0.9	1.0	1.1	1.2	1.5	2.3	3.0	3.5	3.8	4.1	4.2	2.9	3.2	3.2	2.8	2.3	1.4	1.6	1.4	1.2	1.1	1.1	1.1	1.0	2.0	" 10-14	
" 15-19	1.1	1.0	0.9	0.9	0.9	1.1	1.7	2.3	2.8	3.1	3.1	3.1	3.1	3.1	3.2	3.2	2.4	2.3	2.2	1.8	1.5	1.2	1.1	1.1	1.1	1.2	1.8	" 15-19	
" 20-24	1.1	0.9	1.2	1.1	1.1	0.9	1.4	1.7	1.8	2.6	3.8	3.9	3.8	3.5	3.4	3.4	3.5	3.5	2.9	2.5	1.7	1.3	1.1	1.1	1.1	1.1	2.2	" 20-24	
" 25-29	1.0	1.0	0.9	1.0	1.1	0.9	0.9	1.6	2.5	3.1	3.7	4.5	4.0	4.8	4.4	3.8	3.4	3.4	3.1	2.2	1.6	1.2	1.3	1.1	1.1	1.1	2.4	" 25-29	
Aug. 30-3	0.9	0.8	0.5	0.6	0.4	0.5	0.5	1.1	1.6	2.2	2.4	2.4	3.3	3.2	3.4	3.3	3.3	3.5	3.5	2.3	1.7	1.1	1.1	1.0	1.0	1.0	1.8	Aug. 30-3	
" 4-8	1.9	2.1	2.0	1.8	1.9	1.9	2.0	2.3	3.4	4.0	4.5	4.8	5.1	5.1	5.3	5.1	4.9	4.3	4.4	3.6	2.9	2.5	2.2	2.1	2.0	2.0	3.3	" 4-8	
" 9-13	1.8	1.8	1.8	1.9	1.7	1.5	1.7	2.0	2.3	3.2	3.6	3.1	3.4	3.5	3.8	3.3	3.5	3.1	2.6	2.1	1.7	1.7	1.7	1.7	1.7	1.7	2.4	" 9-13	
" 14-18	1.9	1.5	1.4	1.7	1.7	1.7	1.8	2.2	2.7	4.2	4.7	5.3	5.6	5.8	6.1	6.4	5.8	5.7	4.8	3.3	2.1	1.9	1.7	1.7	1.7	1.7	3.3	" 14-18	
" 19-23	1.5	1.2	1.2	1.3	0.9	0.9	0.9	1.4	2.3	2.9	3.8	4.1	3.7	4.5	3.8	5.0	3.8	3.6	3.8	1.9	1.2	1.2	1.7	1.5	1.8	1.8	2.4	" 19-23	
" 24-28	2.1	2.0	1.9	2.1	1.7	1.4	1.5	2.3	3.1	4.5	4.1	3.6	4.2	4.5	4.7	3.9	3.5	3.5	2.8	2.1	2.2	2.1	2.2	2.0	2.0	2.0	2.8	" 24-28	
Sept. 29-2	1.6	1.4	1.5	1.5	1.6	1.5	1.4	2.0	2.8	3.3	4.6	5.4	5.7	5.6	5.3	6.3	5.9	4.7	3.9	2.7	2.2	1.6	1.5	1.3	1.3	1.3	3.0	Sept. 29-2	
" 3-7	1.0	1.1	1.0	1.0	1.0	0.9	0.9	1.1	1.6	3.2	2.8	3.0	3.8	4.0	3.8	3.7	3.2	3.1	2.7	1.9	1.4	1.3	1.2	1.3	1.3	2.0	2.0	" 3-7	
" 8-12	1.2	1.2	0.9	0.8	1.0	1.0	1.0	1.4	2.1	3.0	3.2	3.7	4.2	3.6	3.8	4.0	3.4	3.1	2.7	2.0	1.6	1.4	1.5	1.5	1.5	1.2	2.2	" 8-12	
" 13-17	1.0	0.9	0.9	0.8	0.7	0.7	0.7	0.8	1.5	1.8	2.4	2.7	2.6	2.7	2.4	2.6	2.3	2.1	1.4	1.4	1.2	1.1	1.2	1.0	0.9	1.6	1.6	" 13-17	
" 18-22	1.7	1.4	1.3	1.2	1.2	1.2	1.4	1.7	2.1	2.5	3.0	3.5	3.6	3.6	4.0	3.3	2.8	2.5	1.9	1.6	1.5	1.4	1.5	1.5	1.6	2.1	2.1	" 18-22	
" 23-27	0.7	0.8	1.0	1.0	0.9	0.9	1.0	1.0	1.5	2.4	2.8	3.2	3.8	3.8	3.7	3.4	3.0	2.6	1.3	0.8	0.8	0.8	0.7	0.6	0.7	1.7	1.7	" 23-27	
Oct. 28-2	1.8	1.4	1.3	1.5	1.2	1.2	1.2	1.2	1.1	1.3	1.5	2.1	2.5	3.0	3.1	2.8	3.3	3.3	2.6	1.5	1.6	1.6	1.9	1.8	1.8	2.0	2.0	Oct. 28-2	
" 3-7	0.7	0.6	0.5	0.5	0.6	0.6	0.7	0.6	0.9	1.6	1.9	2.2	2.2	2.3	2.1	1.9	1.9	1.7	1.7	1.4	1.1	1.1	1.0	0.8	0.7	1.2	1.2	" 3-7	
" 8-12	0.8	0.8	0.7	0.8	0.6	0.7	0.8	0.8	0.9	1.4	2.2	3.0	3.2	3.2	3.1	2.9	2.6	2.4	2.1	1.8	1.3	1.4	1.3	1.1	0.8	1.6	1.6	" 8-12	
" 13-17	2.4	2.8	2.9	2.8	2.5	2.4	2.4	2.3	2.5	2.5	2.3	2.7	3.1	3.2	3.2	3.8	3.3	3.0	2.6	2.3	2.5	2.5	2.5	2.4	2.8	2.7	2.7	" 13-17	
" 18-22	2.0	1.7	1.7	1.4	1.5	1.5	1.8	1.7	2.1	2.9	3.7	4.1	4.6	4.1	4.1	3.4	3.0	2.5	2.2	2.0	2.3	2.3	2.0	1.9	1.7	2.5	2.5	" 18-22	
" 23-27	1.5	2.0	2.0	2.0	1.7	1.7	1.1	1.3	1.8	2.0	3.0	3.4	3.8	3.8	3.0	2.7	2.9	2.7	2.2	2.2	2.9	2.3	2.2	1.8	2.2	2.2	2.4	" 23-27	
Nov. 28-1	2.1	1.8	1.9	1.6	1.3	1.3	1.6	1.3	1.4	2.1	2.5	2.7	3.2	3.4	3.5	3.1	2.5	1.8	1.5	1.3	0.9	1.2	0.9	1.1	1.2	1.2	1.9	Nov. 28-1	
" 2-6	2.9	2.3	2.5	2.4	1.7	1.6	2.0	2.5	2.4	2.4	2.8	2.7	2.7	2.7	2.8	2.7	3.1	2.8	2.5	3.1	3.6	3.7	3.4	3.8	3.6	2.8	2.8	" 2-6	
" 7-11	2.3	2.6	2.4	2.7	2.5	2.3	3.0	2.6	2.8	3.2	3.1	3.7	4.5	4.0	3.8	3.6	2.9	2.6	2.5	1.8	2.1	1.9	1.9	1.7	2.0	2.7	2.7	" 7-11	
" 12-16	1.3	1.2	1.6	1.7	1.8	1.7	1.3	0.9	1.1	1.1	1.1	1.5	1.8	1.9	2.1	1.9	1.7	1.5	1.3	1.1	1.0	1.0	0.9	0.8	0.7	1.3	1.3	" 12-16	
" 17-21	0.8	0.9	1.1	1.0	1.0	0.8	0.9	0.7	0.8	0.9	1.1	1.3	1.1	0.9	0.9	1.0	1.2	1.3	1.3	1.4	1.3	1.7	1.5	1.6	1.7	1.1	1.1	" 17-21	
" 22-26	2.9	2.5	2.1	2.1	2.2	2.4	2.4	2.7	2.5	2.8	3.3	3.3	3.7	3.7	3.5	3.5	2.7	2.5	2.0	2.1	2.2	2.5	2.8	2.6	2.4	2.7	2.7	" 22-26	
Dec. 27-1	1.8	2.0	1.8	1.7	1.8	1.4	1.5	1.5	1.2	1.6	2.0	2.6	2.9	2.9	2.9	2.5	2.4	1.9	1.6	1.8	1.7	1.7	1.8	1.6	1.4	1.9	1.9	Dec. 27-1	
" 2-6	1.5	1.6	1.5	1.2	1.2	1.1	1.1	1.2	1.5	1.4	1.4	1.9	1.9	1.5	1.4	1.7	1.6	1.4	1.5	1.6	1.7	1.5	1.6	1.5	1.7	1.5	1.5	" 2-6	
" 7-11	1.2	1.5	1.7	1.4	1.4	1.5	1.7	1.8	1.7	1.9	1.8	2.0	2.0	1.8	2.1	1.9	2.1	1.8	1.9	2.0	2.0	2.1	2.0	1.9	1.7	1.8	1.8	" 7-11	
" 12-16	2.5	1.8	1.8	1.9	1.6	2.1	2.1	2.1	2.3	1.8	2.1	2.4	2.7	3.0	3.0	2.6	2.3	2.0	2.3	2.0	1.8	1.7	1.2	2.1	2.2	2.1	2.1	" 12-16	
" 17-21	1.5	1.7	1.6	1.9	2.1	2.2	2.2	2.2	2.4	2.2	2.1	2.1	2.4	2.3	2.1	1.7	1.3	1.4	1.0	1.2	1.2	1.2	1.1	1.1	1.1	1.3	1.7	" 17-21	
" 22-26	1.2	1.2	0.8	1.0	1.0	0.9	1.0	0.9	1.0	0.9	1.1	1.1	1.3	1.5	1.4	2.0	2.0	1.9	1.8	1.8	1.7	1.6	1.5	1.3	1.3	1.3	1.3	" 22-26	
" 27-31	1.4	1.5	1.2	1.1	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.2	1.4	1.2	1.4	1.3	1.3	1.3	1.6	1.7	1.5	1.5	1.7	1.4	1.2	1.2	1.2	" 27-31	

TABLE IV.—MEAN HOURLY and DAILY WIND
FALMOUTH OBSERVATORY

Five-day Periods.	A.M.																						Noon	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1890.																								
Jan. 1-5	-15'2	+ 2'2	-14'8	+ 1'3	-15'2	+ 0'6	-20'2	+ 0'7	-15'4	- 0'5	-12'4	+ 0'1	-11'5	+ 1'2	-13'2	+ 1'8	- 9'0	+ 1'8	-10'1	+ 3'4	-11'3	+ 3'2	-10'5	+ 2'9
" 6-10	-12'4	-12'3	-12'3	- 9'7	-15'3	- 9'2	-15'2	- 9'1	-17'2	- 7'7	-19'4	- 4'9	-20'3	- 4'5	-22'1	- 3'6	-24'7	- 8'1	-23'7	- 6'7	-21'6	- 8'1	-20'6	- 9'6
" 11-15	- 7'1	- 9'9	- 9'6	-11'5	- 8'4	-12'1	- 6'5	-13'0	- 4'7	-13'8	- 4'4	-14'8	- 6'9	-13'4	- 5'5	-12'5	- 5'6	-12'7	- 6'5	-12'5	- 9'1	-13'7	- 9'6	-14'1
" 16-20	-16'3	-17'7	-16'3	-17'6	-15'6	-17'9	-16'7	-17'8	-14'8	-17'6	-10'8	-18'1	-10'6	-18'6	-10'9	-20'5	-12'4	-18'0	-13'8	-16'2	-16'0	-18'4	-19'9	- 8'1
" 21-25	-16'4	-20'4	- 9'5	-20'5	-20'2	-21'1	- 8'6	-22'9	-10'7	-20'1	-10'3	-23'0	-15'5	-22'1	-17'3	-24'3	-14'5	-23'0	-15'4	-23'3	-11'3	-26'2	-11'1	-25'7
" 26-30	- 2'5	-18'8	- 2'7	-19'9	- 2'3	-18'1	- 2'5	-16'3	- 3'7	-16'2	- 2'7	-15'1	+ 0'7	-15'2	+ 2'1	-13'8	+ 1'7	-11'9	- 0'3	-10'4	- 1'0	-10'0	+ 0'8	-10'1
Feb. 31-4	+ 6'1	- 2'8	+ 4'9	- 4'2	+ 4'9	- 5'4	+ 4'4	- 5'3	+ 6'9	- 2'3	+ 6'8	- 2'6	+ 8'3	- 2'3	+ 8'3	- 2'0	+ 6'5	- 1'3	+ 9'1	- 0'8	+10'8	0'0	+10'7	- 0'6
" 5-9	+ 6'0	+ 8'6	+ 4'4	+10'8	+ 4'2	+10'1	+ 6'4	+ 8'7	+ 6'5	+10'6	+ 6'2	+10'8	+ 6'0	+ 9'1	+ 8'8	+ 7'6	+ 6'8	+ 8'1	+ 5'0	+11'3	+ 3'2	+11'6	+ 3'7	+12'1
" 10-14	- 3'6	+16'9	- 8'0	+ 9'1	- 6'6	+ 8'4	- 6'1	+ 7'9	- 5'8	+ 9'0	- 5'5	+12'3	- 6'1	+11'9	- 9'0	+14'2	- 9'2	+12'4	- 7'7	+ 7'5	- 7'9	+11'2	- 8'0	+ 9'6
" 15-19	- 2'8	+ 7'1	- 4'8	+ 9'1	- 4'4	+ 7'8	- 4'9	+ 4'9	- 5'7	+ 4'3	- 5'4	+ 5'7	- 9'2	+ 5'8	- 9'1	+ 6'0	- 8'9	+ 6'6	- 7'8	+ 4'3	-11'7	+ 1'8	-10'7	+ 2'0
" 20-24	+ 1'3	+ 3'7	+ 1'3	+ 3'6	+ 1'1	+ 2'6	+ 3'0	+ 4'7	+ 2'2	+ 3'0	+ 2'7	+ 4'3	+ 1'4	+ 4'3	+ 2'5	+ 4'0	+ 2'3	+ 5'1	+ 2'2	+ 7'0	+ 2'6	+ 9'1	- 2'0	+11'3
" 25-1	+ 8'1	+ 6'9	+ 8'5	+ 7'9	+ 7'2	+ 6'3	+ 5'5	+ 6'1	+ 5'5	+ 6'4	+ 8'7	+ 5'6	+ 8'0	+ 6'8	+ 6'9	+ 7'6	+ 6'9	+ 8'0	+ 9'4	+ 7'5	+ 9'1	+ 5'7	+ 7'6	+ 4'8
March 2-6	+ 8'6	- 1'3	+11'8	- 0'4	+12'5	- 2'8	+13'0	- 0'2	+13'3	+ 1'8	+14'1	+ 3'3	+13'5	+ 1'7	+13'8	+ 3'7	+15'5	+ 4'6	+15'6	+ 3'3	+15'5	+ 4'4	+12'5	+ 0'6
" 7-11	+ 2'2	-15'3	- 0'3	-13'7	+ 1'5	-14'2	- 0'4	-14'2	- 1'0	-15'2	- 1'0	-17'1	- 0'2	-18'1	+ 0'7	-16'4	+ 2'2	-18'4	+ 2'0	-19'2	+ 1'3	-19'7	+ 3'7	-21'0
" 12-16	-13'3	- 2'5	-13'4	- 0'8	-12'4	- 2'6	-10'1	- 1'4	- 9'7	+ 0'3	-12'8	- 1'4	-13'4	0'0	- 7'9	- 4'4	- 6'4	- 4'7	- 7'2	- 6'1	- 6'1	- 7'0	- 9'3	- 5'0
" 17-21	+ 3'8	- 3'1	+ 4'2	- 4'3	+ 2'7	- 3'2	+ 1'9	- 5'0	+ 4'4	- 3'7	+ 5'0	- 3'9	+ 4'2	- 3'0	+ 4'3	- 1'6	+ 6'0	- 3'2	+ 5'2	+ 0'8	+ 1'7	- 0'8	+ 1'9	- 1'3
" 22-26	- 8'1	- 9'7	- 9'5	- 9'1	- 7'8	-10'1	- 8'3	- 8'9	- 8'4	- 9'2	- 9'6	- 8'7	- 7'0	-10'2	- 7'0	-13'2	- 8'2	-14'3	- 5'5	-15'1	- 3'8	-21'7	- 3'1	-21'2
" 27-31	- 1'5	- 1'7	+ 0'8	- 3'1	- 1'3	- 2'4	- 2'5	- 3'7	- 2'4	- 1'2	- 3'0	- 2'0	- 1'9	- 1'2	- 3'7	- 2'0	- 0'1	+ 0'9	+ 1'2	+ 0'6	- 1'2	+ 3'4	- 1'1	+ 2'1
April 1-5	+ 1'8	+ 9'8	+ 1'6	+ 9'7	+ 0'3	+10'0	+ 1'6	+ 8'5	+ 3'3	+ 8'0	+ 2'8	+ 7'3	+ 3'8	+ 8'5	+ 3'9	+ 8'1	+ 4'3	+ 8'1	+ 2'9	+ 9'1	- 0'1	+10'5	- 3'1	+12'4
" 6-10	+ 6'7	- 8'9	+ 9'0	-10'1	+ 8'1	-10'7	+ 7'8	-12'3	+ 7'7	-14'3	+ 6'0	-16'2	+ 6'7	-17'8	+ 9'3	-15'2	+15'0	-12'5	+15'6	-11'4	+16'0	-14'8	+17'8	-14'8
" 11-15	+ 5'0	+ 6'3	+ 2'2	+ 6'5	+ 1'3	+ 6'7	+ 2'5	+ 6'5	0'0	+ 6'4	+ 0'9	+ 7'1	+ 0'2	+ 8'2	- 1'6	+ 8'4	+ 0'9	+ 9'0	- 1'8	+11'2	- 4'5	+10'7	- 2'9	+12'0
" 16-20	+ 6'0	+ 6'0	+ 4'5	+ 6'2	+ 3'5	+ 4'5	+ 0'8	+ 4'5	+ 2'8	+ 3'7	+ 2'0	+ 2'4	+ 2'9	+ 1'1	+ 2'7	+ 1'2	+ 1'0	+ 5'3	+ 0'2	+ 6'9	+ 0'6	+ 7'0	0'0	+ 7'0
" 21-25	-12'4	-10'6	-11'6	-11'3	-11'4	-16'8	-12'0	-17'3	-11'9	-15'9	-11'4	-14'2	-10'0	-15'2	- 9'0	-15'9	+ 0'5	-14'0	- 0'9	-15'1	+ 4'5	-18'7	+ 5'4	-21'2
" 26-30	+ 1'7	- 3'1	+ 2'5	- 2'8	+ 3'0	- 1'0	+ 1'5	- 2'2	+ 2'0	- 1'5	+ 2'7	- 1'9	+ 2'4	+ 1'0	+ 1'0	+ 1'2	+ 0'9	- 0'2	+ 2'7	+ 1'2	+ 0'8	+ 0'4	+ 1'4	- 2'7
May 1-5	- 0'2	+ 5'7	- 0'8	+ 6'3	- 6'8	+ 3'9	- 7'1	- 0'4	- 7'2	+ 1'7	- 7'8	+ 2'2	- 7'1	+ 3'1	- 8'2	+ 3'2	- 8'8	+ 5'3	- 9'9	+ 5'6	-10'3	+ 4'6	- 9'8	+ 4'8
" 6-10	- 6'0	+ 5'9	- 4'2	+ 6'2	- 5'0	+ 5'5	- 4'8	+ 7'9	- 4'9	+ 8'7	- 4'8	+ 5'9	- 6'3	+ 7'3	- 5'4	+ 8'4	- 7'7	+ 8'1	- 7'1	+ 9'2	- 6'3	+11'3	- 8'9	+ 9'3
" 11-15	+ 1'1	- 7'3	+ 1'1	- 8'2	+ 0'2	- 6'3	- 0'1	- 6'7	+ 1'0	- 6'8	- 0'7	- 6'9	+ 0'8	- 8'2	- 1'4	- 8'8	- 3'4	- 8'6	- 3'5	- 9'1	- 7'3	- 9'3	- 8'0	- 8'5
" 16-20	- 5'3	- 4'5	- 5'4	- 5'1	- 5'4	- 3'5	- 7'6	- 0'4	- 9'8	+ 2'7	-10'7	+ 2'5	-14'1	+ 2'5	-13'9	+ 3'7	-16'1	+ 1'7	-13'3	- 4'8	-17'6	- 2'4	-18'1	- 1'7
" 21-25	- 2'4	+ 6'4	- 3'5	+ 4'4	- 5'2	+ 6'6	- 2'7	+ 7'3	- 4'6	+ 6'9	- 4'9	+ 5'1	- 3'1	+ 6'5	- 6'5	+ 7'8	- 5'4	+ 9'3	- 5'5	+10'1	- 8'4	+10'4	- 7'8	+10'0
" 26-30	+ 3'1	- 2'4	+ 4'1	- 2'9	+ 0'5	- 2'1	+ 0'2	- 2'5	+ 1'6	- 2'4	+ 3'2	- 1'9	+ 5'6	- 1'4	+ 4'2	- 2'4	+ 4'9	+ 0'3	+ 5'2	- 1'9	+ 5'7	- 2'1	+ 5'6	- 2'3
June 31-4	- 6'7	- 4'6	- 6'9	- 4'7	- 6'5	- 4'5	- 5'2	- 3'5	- 1'3	- 4'1	- 0'9	- 3'1	- 1'4	- 4'0	- 2'9	- 2'8	- 3'2	- 4'2	- 5'3	- 2'8	- 7'0	- 0'8	- 6'1	- 1'1
" 5-9	- 7'0	- 4'6	- 8'4	- 5'4	- 7'6	- 7'8	- 5'8	- 8'3	- 5'7	- 7'5	- 6'4	- 8'5	- 6'9	- 7'6	- 5'2	- 9'4	- 9'3	- 7'9	-10'5	- 9'9	- 9'8	- 8'5	- 9'5	- 8'0
" 10-14	- 1'2	-10'7	+ 0'3	- 8'5	+ 3'9	-11'3	+ 5'2	- 9'4	+ 5'8	- 8'9	+ 5'1	- 9'3	+ 5'1	- 7'4	+ 4'6	- 6'5	+ 3'3	- 8'6	+ 1'9	- 5'2	+ 1'3	- 5'4	+ 1'6	- 6'3
" 15-19	+ 4'0	-11'1	+ 3'5	-10'0	+ 3'0	- 8'2	+ 2'0	- 7'0	+ 1'1	- 7'4	+ 1'5	- 7'8	+ 3'0	- 9'2	+ 3'2	- 9'9	+ 5'0	- 8'4	+ 1'9	- 9'1	+ 0'8	- 8'6	- 3'4	-10'6
" 20-24	+ 1'8	- 6'0	+ 2'8	- 7'9	+ 4'6	- 9'4	+ 2'7	- 8'7	+ 2'0	- 7'8	+ 2'1	- 8'2	+ 3'6	-10'1	+ 1'7	-11'4	+ 3'7	-11'9	+ 3'4	-11'5	+ 1'0	-11'4	+ 0'7	-11'0
" 25-29	- 2'7	- 8'6	- 2'8	- 8'3	- 4'5	- 8'4	- 3'0	- 8'6	- 3'4	- 7'6	- 3'4	- 7'9	+ 1'6	- 9'2	+ 1'3	-10'1	+ 1'9	-11'1	+ 1'6	-10'6	- 0'4	-13'2	- 0'5	-12'5

COMPONENTS for FIVE-DAY PERIODS.

LAT. 50° 9' N. LONG. 5° 4' W.

P.M.																						Midl.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.			
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
-12'3	+0'7	-12'5	+0'9	-13'6	+0'1	-12'0	-1'0	-12'5	-3'1	-13'4	-2'6	-14'8	-2'4	-14'6	-1'7	-14'4	-1'6	-15'3	-1'6	-14'7	-4'3	-15'5	-4'6	-13'4	-0'1
-22'4	-11'4	-20'6	-15'1	-18'8	-16'2	-17'4	-14'4	-15'2	-14'5	-14'3	-13'3	-13'3	-13'6	-12'6	-12'7	-11'6	-12'1	-11'3	-11'4	-11'7	-9'3	-11'2	-5'4	-16'9	-10'1
-7'2	-13'4	-7'7	-14'2	-8'8	-11'9	-10'8	-11'3	-10'6	-9'6	-11'3	-10'5	-11'9	-11'3	-10'9	-12'6	-11'2	-11'0	-11'8	-11'1	-10'4	-10'5	-10'0	-11'0	-8'6	-12'2
-20'2	-17'2	-19'2	-13'9	-19'6	-14'8	-19'4	-13'9	-18'5	-14'4	-19'5	-14'7	-17'8	-15'9	-19'2	-13'8	-22'1	-16'5	-20'4	-12'2	-20'8	-13'4	-20'0	-14'1	-17'1	-16'3
-11'4	-21'7	-14'2	-23'3	-12'0	-20'3	-9'0	-18'8	-13'0	-18'0	-13'8	-17'4	-14'3	-14'9	-16'7	-13'2	-18'1	-12'0	-16'8	-11'4	-19'9	-12'9	-16'9	-19'1	-13'5	-19'8
+2'5	-9'8	+20'0	-11'1	+1'1	-10'1	+1'6	-10'3	+1'9	-9'4	+3'5	-9'7	+2'7	-10'4	+2'1	-8'6	-0'1	-7'3	+2'1	-8'9	+2'1	-9'3	+2'1	-14'6	+0'5	-12'2
+8'8	-2'4	+7'9	-1'0	+7'8	-0'7	+7'2	-1'7	+6'6	-1'5	+6'3	-1'8	+6'1	-0'8	+2'9	-1'4	+1'5	-0'1	+4'6	+1'0	+3'0	-1'1	+4'5	-0'9	+6'5	-1'7
+2'5	+13'1	+3'0	+12'8	+3'7	+13'3	+3'6	+14'2	+3'5	+12'9	+4'1	+11'9	+5'6	+12'4	+6'8	+10'6	+6'3	+10'6	+7'0	+9'0	+7'4	+9'6	+5'2	+9'5	+5'3	+10'8
-7'5	+10'8	-6'4	+7'7	-3'5	+9'9	-5'0	+9'5	-4'4	+9'9	-6'6	+8'9	-5'1	+7'4	-3'7	+7'3	-5'0	+8'8	-4'6	+9'4	-5'4	+9'6	-3'4	+9'4	-6'0	+9'7
-8'1	+2'2	-7'9	+2'8	-6'2	+2'3	-6'9	+3'7	-6'5	+3'6	-4'8	+4'7	-6'2	+3'5	-6'7	+3'0	-8'4	+3'2	-6'5	+3'9	-7'6	+3'8	-7'4	+5'4	-7'1	+4'5
-2'5	+9'9	-3'8	+9'2	-1'3	+6'5	-3'9	+7'0	-1'2	+6'6	-0'1	+6'3	+0'7	+5'7	+1'7	+5'0	+3'4	+3'1	+3'7	+5'4	+2'4	+6'0	+0'5	+5'1	+0'8	+5'8
+8'2	+3'7	+8'6	+3'5	+8'7	+1'6	+9'6	+2'3	+9'6	+2'6	+10'7	+2'2	+9'4	+3'5	+9'4	+3'5	+11'6	+4'6	+11'3	+4'9	+11'3	+8'2	+11'3	+7'1	+8'8	+5'3
+14'5	+2'2	+11'6	+2'4	+9'6	+3'0	+8'5	-0'2	+8'5	-1'4	+10'1	-1'7	+8'6	-2'9	+7'6	-5'0	+6'3	-6'5	+4'8	-7'0	+5'8	-7'0	+6'6	-9'4	+10'9	-0'6
+2'4	-20'6	+0'1	-20'0	-1'0	-19'7	-0'2	-20'9	+0'1	-19'8	+0'1	-17'7	-1'5	-14'9	-1'9	-15'7	+0'2	-16'9	-0'2	-16'8	+0'3	-15'5	+0'9	-15'7	+0'4	-17'4
-10'0	-5'7	-9'5	-6'3	-10'4	-9'2	-8'7	-8'6	-10'4	-5'6	-9'6	-5'6	-10'1	-3'2	-9'2	-2'6	-12'0	-2'0	-12'1	-1'5	-12'5	-1'3	-12'7	-1'7	-10'4	-3'7
+1'7	-0'6	+1'3	-5'3	+1'2	-3'3	+2'1	-6'7	+1'7	-6'1	+1'5	-3'0	+2'8	-2'3	+3'3	-1'5	+3'9	+0'7	+2'9	-0'5	+3'6	-0'8	+4'3	0'0	+3'2	-2'6
-5'6	-19'8	-6'2	-19'1	-8'2	-18'5	-7'7	-18'9	-6'1	-16'5	-4'4	-15'7	-2'8	-12'5	-3'9	-11'9	-4'1	-10'8	-6'5	-10'7	-6'6	-10'5	-9'1	-11'5	-6'6	-13'7
-1'4	+3'8	-0'5	+4'1	-1'4	+4'4	-2'8	+2'8	-1'5	+2'5	-1'5	+1'2	-0'4	+2'7	+0'4	0'0	-1'6	-0'1	-2'7	+1'7	+1'2	+0'3	+2'3	+3'1	-1'1	+0'7
-5'3	+12'1	-5'5	+10'0	-1'4	+6'8	+0'8	+5'3	+4'1	+5'1	+3'3	+2'6	+2'4	+1'8	+4'1	+1'1	+3'4	+2'9	+3'5	+1'6	+2'6	+2'3	+1'5	+3'9	+1'5	+6'9
+19'2	-12'1	+19'2	-11'9	+18'2	-11'7	+16'7	-12'6	+17'3	-12'0	+14'6	-8'9	+11'3	-7'5	+9'9	-7'1	+9'6	-7'1	+9'1	-9'5	+12'4	-7'8	+10'8	-6'9	+12'2	-11'4
-1'3	+12'9	-0'8	+10'5	+0'2	+11'2	+1'1	+12'7	+1'4	+10'8	+3'7	+10'1	+3'9	+8'5	+3'7	+9'3	+2'2	+9'7	+2'3	+9'2	+4'9	+8'9	+5'5	+9'9	+1'2	+9'3
+0'1	+6'7	+1'0	+5'2	+1'9	+3'3	+3'6	+2'3	+2'6	+4'3	+3'5	+4'2	-0'7	0'0	+0'8	+0'4	+1'3	+2'8	+2'2	+3'2	+0'8	+3'2	-1'4	+3'0	+1'8	+3'9
+8'6	-20'4	+5'8	-18'2	+4'7	-18'8	+1'2	-18'5	+0'7	-16'4	-3'0	-13'6	-5'5	-8'2	-5'8	-11'0	-8'1	-13'3	-8'9	-13'2	-9'1	-12'4	-6'5	-14'3	-4'4	-15'2
+1'8	+0'1	+2'7	-1'6	+1'9	-1'1	+2'9	-0'1	+3'0	-1'8	+3'9	-2'6	+3'0	-1'0	+0'8	+0'1	+1'3	+1'1	-1'0	+1'5	-1'6	+3'4	-0'1	+2'0	+1'7	-0'5
-8'4	+5'1	-5'9	+3'6	-7'6	+3'9	-6'8	+3'9	-4'9	+3'3	-5'7	+1'6	-3'1	+0'4	-3'7	+1'5	-3'7	+2'6	-3'0	+2'7	-4'4	+3'8	-2'2	+5'4	-6'0	+3'5
-7'7	+8'8	-9'2	+10'5	-10'6	+8'2	-9'0	+4'2	-10'0	+2'9	-7'4	+4'3	-4'6	+3'2	-5'6	+1'9	-6'5	+1'4	-7'0	+0'6	-3'7	+1'3	-5'0	+3'3	-6'6	+6'0
-10'0	-8'2	-7'5	-12'7	-8'5	-10'7	-9'3	-12'0	-7'9	-12'0	-8'1	-11'8	-3'0	-8'7	-4'5	-8'6	-6'7	-7'3	-6'5	-8'1	-2'2	-7'7	-3'2	-6'3	-4'1	+8'7
-19'5	-2'6	-19'0	-2'5	-17'6	-3'2	-20'3	-2'0	-15'5	-1'1	-16'0	-0'3	-15'3	-1'0	-15'3	-0'4	-14'8	+1'3	-14'6	+0'4	-11'6	-4'0	-6'9	-6'4	-13'5	-1'3
-7'9	+12'2	-6'1	+10'7	-6'3	+11'3	-4'0	+10'1	-2'3	+7'2	-0'8	+6'7	+1'6	+6'7	+1'4	+5'9	-0'2	+5'4	+0'4	+7'4	+2'2	+5'2	+2'2	+5'9	-3'3	+7'7
+5'6	-2'6	+5'8	-5'1	+5'4	-2'1	+6'7	-3'3	+6'8	-5'0	+5'9	-5'0	+7'1	-4'5	+7'6	-4'7	+7'5	-4'6	+5'0	-3'6	+4'8	-5'9	+4'8	-4'0	+4'9	-3'1
-8'1	-6'1	-7'4	-6'8	-6'2	-9'0	-8'0	-8'8	-6'9	-8'9	-6'0	-8'7	-6'3	-7'9	-5'3	-6'6	-7'9	-6'0	-7'5	-6'0	-6'9	-7'1	-7'6	-6'9	-5'8	-5'4
-5'5	-9'3	-7'8	-9'0	-5'9	-8'2	-4'4	-8'0	-5'5	-7'8	-3'6	-6'9	-3'6	-4'8	-5'0	-3'9	-6'2	-3'2	-5'5	-4'0	-8'6	-3'8	-7'9	-3'5	-6'8	-6'9
+0'1	-11'1	-0'1	-11'4	+0'2	-10'6	0'0	-11'5	+4'2	-13'0	+2'7	-9'4	+1'0	-11'1	+1'5	-10'0	+1'4	-12'3	+2'3	-13'0	+1'4	-12'1	+2'4	-12'9	+2'2	-9'8
-5'5	-8'2	-7'7	-10'0	-2'3	-12'2	-3'6	-11'9	-4'5	-11'0	-2'7	-12'2	-1'2	-11'2	-0'8	-11'7	-1'1	-10'4	+1'5	-10'4	+0'5	-9'8	+0'8	-11'3	0'0	-9'9
+2'1	-9'2	+5'5	-10'3	+6'0	-10'0	+3'9	-12'1	+2'8	-11'1	+4'8	-10'3	+3'0	-9'5	+3'1	-9'0	+1'8	-7'9	+1'7	-6'8	+0'9	-6'7	+1'6	-7'6	+2'8	-9'4
+0'8	-15'0	-0'4	-15'7	+1'9	-16'7	+1'1	-14'6	-1'1	-14'7	-1'3	-15'6	-1'4	-11'0	-2'5	-8'3	-4'1	-7'7	-3'8	-6'4	-5'8	-7'8	-6'0	-7'1	-1'5	-10'7

TABLE IV.—MEAN HOURLY and DAILY WIND

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1890.																								
July 30-4	+ 1'3	- 8'9	+ 1'8	- 9'3	+ 3'5	-11'3	+ 3'0	-12'3	+ 3'1	-10'9	+ 4'8	+12'7	+ 6'1	-12'5	+ 9'4	-10'8	+10'0	-12'8	+ 9'3	-12'2	+ 9'2	-13'1	+ 8'6	-12'1
" 5-9	+ 1'3	- 9'5	+ 0'6	- 9'7	+ 0'4	- 9'0	+ 1'7	- 8'1	+ 1'7	- 7'7	+ 2'3	- 7'2	+ 4'5	- 7'8	+ 4'0	-12'0	+ 3'6	-13'2	+ 2'6	-13'8	+ 5'4	-13'1	+ 5'5	-12'9
" 10-14	+ 0'3	- 9'4	+ 1'4	- 8'9	+ 1'3	- 7'3	+ 2'6	- 6'5	+ 1'8	- 6'1	+ 1'4	- 5'6	+ 0'8	- 6'7	+ 0'9	- 8'1	- 1'6	-10'0	- 1'9	-10'4	- 2'1	- 9'8	- 2'6	- 8'1
" 15-19	+ 2'0	- 8'2	+ 3'1	- 6'4	+ 4'7	- 7'4	+ 4'9	- 6'5	+ 5'5	- 8'0	+ 5'1	- 8'2	+ 5'1	- 6'7	+ 5'6	- 4'6	+ 5'0	- 5'7	+ 4'7	- 5'4	+ 5'6	- 4'9	+ 2'5	- 6'4
" 20-24	+ 8'7	- 3'8	+ 8'8	- 9'0	+11'4	- 9'2	+10'6	- 8'9	+12'3	-10'3	+12'7	- 9'9	+12'5	- 9'3	+12'9	-10'3	+12'3	- 9'9	+11'2	- 8'6	+14'5	-11'5	+14'3	-12'9
" 25-29	- 0'7	- 9'1	- 2'4	- 9'1	- 3'9	- 8'1	- 1'1	- 7'4	- 2'1	- 5'0	- 1'7	- 4'0	- 4'3	- 7'4	- 4'1	- 7'6	- 6'0	- 8'1	- 3'5	- 8'7	- 4'1	-10'3	- 6'5	-12'5
Aug. 30-3	- 5'3	- 6'9	- 5'5	- 6'4	- 5'9	- 7'1	- 5'3	- 7'6	- 5'8	- 5'2	- 5'8	- 6'4	- 6'8	- 8'9	- 5'5	- 9'9	- 4'7	- 8'8	- 1'8	- 7'0	- 1'3	- 9'5	- 2'9	- 8'7
" 4-8	+ 3'1	- 0'3	+ 4'7	- 1'1	+ 5'1	- 0'6	+ 3'5	0'0	+ 2'2	+ 3'0	+ 2'2	+ 3'2	+ 3'0	+ 2'7	+ 1'1	+ 2'5	+ 3'7	+ 1'3	- 1'4	+ 3'0	- 3'5	+ 1'9	- 3'2	+ 1'2
" 9-13	- 0'7	- 2'8	- 0'1	- 2'4	- 0'2	- 1'5	- 0'2	- 1'5	+ 0'2	- 2'6	+ 1'5	- 1'5	+ 3'1	- 2'2	+ 1'5	- 1'2	+ 0'5	- 4'6	+ 0'3	- 3'3	+ 0'9	- 3'5	+ 1'8	- 3'7
" 14-18	- 6'7	- 7'2	- 8'5	- 9'1	- 5'6	- 9'0	- 5'9	-10'1	- 4'1	-11'6	- 4'0	- 9'6	- 7'1	-11'0	- 9'7	-14'2	- 5'3	-16'5	- 6'1	-14'3	- 4'7	-14'1	- 5'2	-12'3
" 19-23	- 1'7	- 9'0	- 1'7	- 8'6	- 1'3	- 8'0	- 1'4	- 8'9	- 1'4	-10'1	- 2'0	- 9'3	- 1'1	- 8'2	+ 3'4	- 8'8	+ 5'0	- 9'1	+ 4'6	-10'1	+ 4'8	-11'8	+ 3'6	-12'7
" 24-28	- 0'4	-11'5	+ 1'7	-11'4	+ 0'5	-10'3	+ 2'7	- 7'0	+ 2'1	- 8'7	+ 0'7	- 9'5	+ 1'6	- 8'2	+ 1'2	-11'3	+ 0'8	-13'2	- 1'4	-13'7	0'0	-16'3	- 2'0	-16'5
Sept. 29-2	+ 1'2	- 2'6	+ 1'7	- 2'7	+ 2'2	- 4'1	+ 0'7	- 5'2	+ 0'8	- 4'4	- 0'4	- 2'8	+ 1'0	- 4'1	+ 0'8	- 4'2	+ 0'8	- 3'3	+ 1'5	- 2'7	+ 0'8	- 7'1	+ 0'8	- 6'9
" 3-7	+ 1'8	- 4'7	+ 0'3	- 3'7	+ 2'3	- 4'6	+ 1'6	- 3'2	+ 1'2	- 5'2	+ 2'9	- 1'9	+ 3'0	- 1'9	+ 3'9	- 2'8	+ 3'0	- 2'6	+ 0'6	- 1'8	+ 0'9	- 3'1	- 1'4	- 1'9
" 8-12	+ 3'0	+ 4'0	+ 3'3	+ 4'3	+ 4'0	+ 2'0	+ 4'3	+ 4'2	+ 2'0	+ 2'8	+ 2'0	+ 2'9	+ 1'9	+ 2'9	+ 3'5	+ 5'9	+ 3'7	+ 6'0	+ 3'1	+ 6'2	+ 2'1	+ 7'0	+ 1'1	+ 6'4
" 13-17	- 5'1	+ 7'2	- 7'2	+ 5'8	- 7'2	+ 5'2	- 7'7	+ 5'7	- 7'5	+ 4'1	- 8'0	+ 3'8	- 8'6	+ 3'4	- 9'6	+ 3'5	-10'4	+ 2'8	-10'3	+ 4'3	-11'2	+ 6'8	-10'4	+ 7'5
" 18-22	-14'1	- 2'7	-13'2	- 4'3	-11'6	- 2'7	-11'7	- 2'7	-13'2	- 2'1	-13'8	- 1'6	-14'6	- 1'7	-14'3	- 0'8	-17'6	- 1'5	-15'2	- 0'2	-16'8	+ 0'7	-17'5	+ 0'5
" 23-27	- 0'5	- 7'1	0'0	- 5'8	+ 0'8	- 4'5	+ 0'4	- 5'3	+ 2'9	- 7'1	+ 5'2	- 7'5	+ 4'8	- 7'3	+ 3'1	- 6'5	+ 2'2	- 7'6	+ 2'7	- 8'6	+ 2'5	- 9'0	+ 1'9	-11'0
Oct. 28-2	- 3'6	- 6'2	- 4'6	- 7'0	- 5'4	- 7'6	- 2'4	- 9'0	- 5'5	- 8'1	- 1'6	- 8'6	- 3'0	-10'9	- 4'9	-11'3	- 2'8	-10'4	- 3'2	-10'2	- 5'6	- 9'5	- 5'6	- 8'0
" 3-7	- 5'5	- 6'2	- 4'5	- 4'9	- 4'4	- 5'6	- 5'8	- 7'1	- 6'0	- 8'3	- 5'9	- 7'2	- 6'1	- 6'7	- 7'5	- 7'8	- 8'9	-10'6	- 9'3	-12'5	-11'7	-10'9	-11'1	-13'3
" 8-12	+ 4'3	- 0'4	+ 7'1	+ 1'7	+ 4'0	- 0'5	+ 6'6	+ 1'6	+ 5'1	+ 1'2	+ 5'5	+ 0'8	+ 5'2	+ 1'6	+ 4'0	+ 1'9	+ 2'7	+ 5'3	- 0'9	+ 7'6	- 3'6	+ 7'7	- 2'9	+ 7'2
" 13-17	+ 7'6	- 8'8	+ 6'7	- 9'2	+ 4'9	-10'0	+ 5'1	- 9'7	+ 5'0	-11'1	+ 4'3	-10'9	+ 2'7	-10'3	+ 4'0	-13'5	+ 3'8	-14'0	+ 5'6	-17'1	+ 8'1	-16'4	+ 7'9	-15'4
" 18-22	+ 7'4	- 2'1	+ 7'5	- 1'1	+ 6'7	- 1'1	+ 6'1	- 1'7	+ 5'0	- 2'0	+ 5'1	- 1'7	+ 3'4	- 1'1	+ 6'3	- 0'8	+ 7'1	- 2'0	+ 8'3	- 0'4	+ 7'9	+ 0'1	+ 7'5	- 2'5
" 23-27	+ 6'0	-12'1	+ 5'8	-11'5	+ 5'0	-12'3	+ 4'2	-10'0	+ 4'7	- 9'7	+ 4'2	- 9'2	+ 3'9	-11'6	+ 7'7	-12'5	+ 6'9	-14'6	+ 4'5	-16'7	+ 8'3	-18'0	+ 4'4	-18'4
Nov. 28-1	+ 5'8	-14'3	+ 6'2	-13'9	+ 8'7	-11'8	+ 7'0	-13'4	+ 5'8	-10'5	+ 8'0	-10'9	+ 7'3	- 9'6	+ 6'7	-10'7	+ 5'2	- 9'5	+ 6'3	-10'7	+ 5'0	-14'3	+ 8'0	-14'0
" 2-6	+ 4'7	-13'4	+ 3'5	-12'4	+ 0'1	-14'1	+ 1'4	-15'3	+ 1'0	-12'1	+ 1'9	-11'7	+ 5'3	-14'5	+ 4'0	-14'2	+ 0'3	-13'3	+ 0'8	-14'2	- 2'3	-15'2	- 4'1	-15'1
" 7-11	+ 5'1	-12'6	+ 7'9	-19'7	+ 6'3	-16'5	+ 7'2	-15'2	+ 6'8	-18'7	+ 6'0	-14'9	+ 4'7	-16'1	+ 4'5	-16'1	+ 4'3	-14'6	+ 4'2	-14'2	- 0'8	-14'0	- 0'9	-16'1
" 12-16	- 0'5	- 3'7	- 3'4	- 3'2	- 4'4	- 2'4	- 5'4	- 3'4	- 5'1	- 2'5	- 6'8	- 2'5	- 5'7	- 2'2	- 6'7	- 2'2	- 6'9	- 3'0	- 6'2	- 3'1	-10'8	- 4'2	- 9'3	- 2'9
" 17-21	- 7'3	- 7'1	- 5'8	- 4'0	- 6'3	- 3'6	- 5'7	- 3'8	- 5'8	- 3'3	- 5'9	- 2'8	- 7'4	- 6'2	- 8'4	- 4'1	- 8'9	- 8'2	-10'4	- 8'6	-11'0	-10'2	-13'8	- 9'9
" 22-26	+ 2'9	-16'9	+ 7'7	-19'2	+ 8'4	-17'3	+ 8'4	-15'7	+ 8'5	-17'4	+ 8'2	-17'9	+ 9'0	-18'4	+10'8	-17'3	+14'6	-20'3	+13'3	-17'1	+13'3	-11'2	+12'6	-12'0
Dec. 27-1	+ 2'6	+ 1'5	+ 2'2	+ 1'4	+ 2'9	+ 0'6	+ 4'0	+ 1'0	+ 4'5	+ 1'7	+ 5'1	+ 1'7	+ 4'2	+ 1'3	+ 4'6	+ 1'1	+ 4'2	+ 1'7	+ 2'7	+ 0'8	+ 3'0	+ 1'0	+ 5'0	+ 0'8
" 2-6	+ 4'9	+ 4'2	+ 3'2	+ 4'8	+ 5'2	+ 4'5	+ 3'7	+ 5'4	+ 1'8	+ 6'3	+ 0'8	+ 5'8	+ 1'6	+ 8'0	+ 2'1	+ 8'3	+ 3'1	+ 7'8	+ 3'0	+ 8'0	+ 3'2	+12'7	+ 2'9	+10'2
" 7-11	+ 5'8	+ 8'5	+ 2'3	+12'3	+ 0'2	+12'4	+ 2'4	+10'1	+ 0'8	+ 9'1	+ 0'8	+10'2	+ 0'2	+ 9'5	- 0'7	+10'5	- 1'4	+ 6'0	- 1'8	+10'8	- 1'1	+10'0	- 0'4	+11'5
" 12-16	- 0'3	+ 5'3	+ 0'2	+ 6'5	+ 2'3	+ 7'3	+ 2'5	+ 6'6	+ 2'7	+ 7'6	- 1'0	+11'3	- 0'2	+10'5	- 0'8	+12'6	+ 0'3	+ 8'1	+ 2'6	+ 9'8	+ 3'9	+ 9'7	+ 1'6	+ 7'9
" 17-21	+ 9'0	- 2'9	+10'6	- 2'5	+10'9	+ 5'4	+ 7'5	+ 4'9	+ 7'6	- 5'4	+ 8'2	- 4'2	+ 6'8	- 1'8	+ 6'0	- 3'8	+ 4'0	- 3'2	+ 2'4	- 1'1	+ 1'7	- 0'9	+ 1'0	- 0'6
" 22-26	+ 0'2	+ 5'0	+ 1'5	+ 3'2	+ 2'3	+ 1'8	+ 0'7	+ 3'3	+ 4'5	+ 2'8	+ 5'0	+ 4'2	+ 4'3	+ 3'5	+ 2'2	+ 4'8	+ 0'9	+ 4'8	+ 0'5	+ 4'6	- 0'3	+ 5'3	- 4'3	+ 6'3
" 27-31	+11'0	+ 6'2	+12'4	+ 5'7	+12'3	+ 5'6	+13'0	+ 6'7	+11'9	+ 8'3	+11'1	+ 9'2	+ 9'5	+ 8'5	+12'0	+ 8'3	+12'2	+ 9'1	+ 7'4	+ 9'2	+ 7'3	+ 9'2	+ 2'4	+ 9'1

COMPONENTS for FIVE-DAY PERIODS—continued.

P.M.																							Midt.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.			
+ 8'6	-11'8	+ 7'3	-13'0	+ 5'1	-12'9	+ 6'5	-12'0	+ 5'6	-14'1	+ 3'7	-12'0	+ 2'7	-12'2	+ 4'2	- 9'9	+ 3'4	- 7'3	+ 3'2	- 8'0	+ 8'2	-10'7	+ 7'9	- 8'8	+ 5'7	-11'3	
+ 3'5	-12'0	+ 4'7	-11'4	+ 6'7	- 8'1	+ 4'9	- 9'0	+ 3'4	-10'5	+ 0'8	-10'0	- 0'5	-10'1	- 1'7	- 7'2	- 1'1	- 8'4	- 0'1	- 9'0	+ 1'3	- 9'6	0'0	- 9'9	+ 2'3	-10'0	
- 5'0	- 5'4	- 5'8	- 7'1	- 4'8	- 7'0	- 3'1	- 6'2	- 3'7	- 8'4	- 3'0	- 7'9	- 2'4	- 8'0	- 3'2	- 9'0	0'0	- 8'4	- 0'9	- 6'4	- 3'0	- 7'2	- 3'5	- 8'0	- 1'6	- 7'7	
+ 0'7	- 7'8	+ 3'0	- 6'7	+ 4'4	- 6'5	+ 3'2	- 7'9	+ 3'5	- 7'5	+ 5'5	- 6'1	+ 6'9	- 6'4	+ 6'6	- 5'3	+ 6'9	- 4'4	+ 6'8	- 6'0	+ 6'4	- 5'9	+ 5'7	- 6'5	+ 4'7	- 6'5	
+13'9	-12'8	+11'5	-14'6	+12'4	-13'6	+12'0	-13'0	+13'8	-10'9	+11'4	-12'1	+12'0	- 9'9	+10'1	-10'3	+ 8'2	- 8'9	+10'5	-10'1	+ 8'1	- 9'6	+ 8'9	-10'0	+11'5	-10'6	
-10'2	-13'3	-11'8	-12'8	-10'9	-13'3	-11'7	-12'9	-10'1	-13'4	-10'5	-11'5	- 9'3	- 8'4	- 8'9	- 7'9	- 9'7	- 8'2	- 9'0	-10'3	- 9'2	- 9'9	- 8'2	-11'0	- 6'7	- 9'6	
+ 0'3	-10'5	+ 1'8	-11'5	+ 1'6	-12'5	+ 2'7	-11'5	+ 1'2	-11'5	+ 2'2	- 9'6	+ 1'2	- 7'5	- 1'0	- 6'2	- 0'5	- 7'3	- 2'6	- 6'7	- 1'7	- 5'6	- 1'0	- 6'3	- 2'2	- 8'3	
+ 0'7	- 1'0	+ 1'5	- 0'3	+ 1'2	- 2'1	+ 2'1	+ 1'6	+ 3'3	+ 2'5	+ 3'3	+ 0'9	+ 3'7	+ 1'4	+ 3'6	+ 0'9	+ 3'7	+ 0'4	+ 3'0	- 0'4	+ 3'0	- 0'7	+ 1'7	+ 1'1	+ 2'1	+ 0'9	
+ 1'4	- 5'0	+ 0'8	- 5'4	+ 0'7	- 5'5	+ 1'0	- 6'8	+ 0'2	- 7'4	- 0'4	- 7'1	- 3'0	- 7'9	- 1'8	- 9'0	+ 0'5	- 9'6	+ 0'6	- 6'7	+ 0'3	- 5'4	+ 0'5	- 5'5	+ 0'4	- 4'7	
- 7'8	-13'7	- 8'4	-12'6	- 7'6	-13'3	- 6'6	-14'6	- 6'8	-13'3	- 5'6	-11'6	- 3'5	- 8'9	- 2'2	- 6'0	- 3'0	- 7'8	- 3'5	- 5'9	- 4'7	- 6'2	- 7'2	- 6'4	- 5'8	-10'8	
+ 3'0	-13'0	+ 1'6	-13'9	+ 0'4	-13'9	- 0'7	-15'0	- 2'0	-13'8	- 2'3	-11'8	- 3'0	-10'4	- 4'6	- 9'1	- 4'5	- 9'7	- 3'3	-10'5	- 2'9	-10'9	- 2'7	-11'9	- 0'4	-10'8	
- 1'9	-16'1	- 1'5	-17'2	+ 2'2	-17'2	+ 0'5	-16'1	+ 1'6	-15'3	+ 3'4	-16'5	+ 2'2	-13'9	+ 2'6	-12'2	+ 3'0	-11'7	+ 0'3	-12'7	+ 2'0	-12'2	+ 1'4	-10'4	+ 1'0	-12'9	
- 1'0	- 6'7	- 1'2	- 7'8	+ 1'6	- 8'9	+ 3'6	- 9'4	+ 3'8	- 7'8	+ 2'5	- 5'7	+ 3'7	- 3'9	+ 2'9	- 3'5	+ 1'8	- 3'7	+ 0'9	- 3'7	+ 1'4	- 2'9	+ 1'6	- 3'8	+ 1'4	- 4'9	
- 0'1	- 0'1	+ 3'1	- 2'5	+ 2'5	- 3'3	+ 2'5	- 1'4	+ 3'8	- 1'7	+ 3'8	- 2'4	+ 3'5	- 2'4	+ 1'4	- 1'0	+ 1'9	- 1'0	+ 2'6	- 1'1	+ 2'1	0'0	+ 0'7	- 0'5	+ 2'0	- 2'3	
+ 0'7	+ 3'6	+ 2'9	+ 4'4	+ 3'1	+ 3'8	+ 3'1	+ 2'6	+ 5'4	+ 1'4	+ 5'9	+ 0'5	+ 5'2	+ 0'8	+ 5'3	+ 0'3	+ 5'0	- 0'1	+ 4'3	+ 2'6	+ 3'1	+ 3'0	+ 0'6	+ 3'9	+ 3'3	+ 3'4	
- 9'8	+ 8'9	- 9'3	+10'3	- 8'9	+ 7'1	- 9'9	+ 6'2	- 8'8	+ 5'7	- 7'3	+ 5'9	- 4'7	+ 6'0	- 3'7	+ 4'3	- 2'0	+ 4'7	- 2'3	+ 5'5	- 4'1	+ 4'6	- 5'1	+ 2'4	- 7'5	+ 5'5	
-14'8	+ 0'8	-14'6	+ 1'6	-13'9	+ 3'5	-12'7	+ 2'5	-13'7	+ 3'8	-14'6	+ 4'0	-13'4	+ 1'4	-14'4	+ 3'6	-14'0	+ 1'2	-14'7	- 1'6	-15'1	- 0'2	-14'6	+ 0'7	-14'3	+ 0'1	
+ 3'1	-11'3	+ 1'8	-11'2	+ 2'1	-10'7	+ 3'3	-10'5	+ 2'4	- 7'9	+ 2'9	- 6'9	+ 2'5	- 6'9	+ 2'0	- 5'8	+ 2'3	- 5'6	+ 1'8	- 7'1	+ 0'7	- 7'2	- 0'9	- 5'2	+ 2'1	- 7'6	
- 4'1	- 9'9	- 2'2	- 8'5	- 2'9	- 7'6	- 2'4	- 8'9	- 1'3	- 8'3	- 1'6	- 8'1	- 1'1	- 6'9	- 1'5	- 7'5	- 3'5	- 8'4	- 1'1	- 8'0	- 2'8	- 7'0	- 2'2	- 7'4	- 3'1	- 8'5	
-12'0	-12'1	- 9'1	-11'6	-10'0	-11'1	- 7'9	-10'1	- 6'0	- 9'7	- 5'6	- 8'6	- 3'5	- 7'2	- 2'9	- 7'0	- 2'8	- 6'8	- 2'2	- 7'5	- 2'9	- 7'2	- 2'2	- 6'5	- 6'4	- 8'6	
- 4'3	+ 8'2	- 4'6	+ 8'1	- 5'4	+ 7'8	- 2'7	+ 4'9	- 1'5	+ 4'9	- 0'5	+ 2'4	- 0'8	+ 3'2	- 0'4	+ 2'2	- 0'5	+ 2'4	+ 0'2	+ 4'4	+ 0'3	+ 2'5	+ 0'4	+ 1'4	+ 0'7	+ 3'7	
+ 7'0	-15'1	+ 8'7	-15'9	+ 7'3	-16'5	+ 6'9	-17'1	+ 4'8	-15'6	+ 7'1	-16'2	+ 8'7	-16'2	+ 7'2	-17'3	+12'3	-15'1	+10'4	-11'2	+10'7	-10'0	+11'6	- 9'9	+ 7'0	-13'4	
+ 9'6	- 0'4	+10'8	- 2'1	+10'3	- 1'8	+10'2	- 3'9	+ 8'8	- 2'6	+ 9'7	- 2'0	+10'9	- 2'5	+10'9	- 2'2	+10'5	- 1'6	+10'0	- 2'4	+ 8'5	- 2'1	+ 7'6	- 1'9	+ 8'2	- 1'7	
+ 2'8	-18'3	+ 6'6	-14'3	+ 8'8	-16'7	+12'2	-10'9	+10'5	- 7'9	+ 9'6	- 6'0	+ 7'4	- 7'2	+ 6'5	- 7'3	+ 3'7	- 5'5	+ 2'6	- 9'2	+ 4'8	- 9'4	+ 2'7	-11'2	+ 6'0	-11'7	
+ 6'1	-16'3	+ 5'0	-15'2	+ 1'8	-13'0	+ 1'8	-12'1	- 1'2	-10'0	- 1'5	-14'2	- 0'4	-13'7	+ 2'6	-14'5	+ 5'7	-12'7	+ 5'1	-12'7	+ 3'6	-10'7	+ 1'0	- 9'9	+ 4'6	-12'4	
- 1'3	-15'8	- 0'2	-18'8	+ 4'7	-19'1	+ 2'5	-21'1	+ 2'2	-19'2	+ 1'4	-19'8	+ 6'7	-22'5	+ 6'4	-21'8	+ 7'1	-23'5	+ 8'6	-21'9	+ 7'8	-21'7	+ 9'5	-19'7	+ 3'0	-17'1	
- 5'8	-15'4	- 2'9	-13'5	- 4'8	-13'8	- 6'7	-10'8	+ 0'7	-10'3	+ 2'5	- 9'8	- 0'8	-11'2	+ 1'3	- 9'7	- 0'4	- 9'2	- 2'4	-10'3	- 0'1	-10'0	- 3'1	-11'3	+ 1'4	-13'9	
- 8'1	- 2'6	- 9'6	- 3'2	-10'2	- 2'4	-10'9	- 1'5	-10'5	- 6'0	-11'8	- 0'9	-11'1	- 1'3	-10'3	- 2'5	- 5'0	- 1'7	- 5'6	- 2'3	- 4'7	- 1'5	- 1'7	- 2'3	- 7'1	- 2'4	
-12'3	-10'9	-11'5	-11'3	- 5'1	-11'8	- 4'0	- 7'3	- 2'3	- 7'2	- 2'7	- 7'1	- 3'7	- 7'6	- 3'7	- 7'9	- 2'6	- 7'8	- 5'0	- 8'5	- 5'1	- 8'5	- 3'9	-10'3	- 6'6	- 7'4	
+11'0	-11'7	+10'1	-10'3	+10'7	- 9'6	+ 7'8	-11'6	+ 5'7	-13'0	+ 8'4	-13'1	+ 9'1	-11'4	+ 7'5	-12'2	+ 5'0	-11'7	+ 3'2	-14'0	+ 2'1	-16'2	+ 3'1	-15'1	+ 8'4	-14'6	
+ 2'3	+ 4'6	+ 4'0	+ 3'7	+ 1'0	+ 1'3	+ 1'0	+ 1'0	+ 2'4	- 0'1	+ 1'4	- 0'9	+ 2'8	- 0'9	+ 4'2	- 0'8	+ 2'6	+ 0'9	- 1'2	+ 0'2	- 0'3	+ 0'2	- 1'3	- 0'5	+ 2'8	+ 1'0	
+ 7'0	+ 9'3	+ 8'2	+ 8'3	+ 8'2	+ 9'3	+ 9'4	+ 9'2	+ 9'1	+ 9'8	+ 9'2	+ 8'6	+ 8'5	+ 8'5	+ 8'6	+ 8'3	+ 9'9	+ 8'2	+10'4	+ 7'7	+ 9'7	+ 7'4	+ 9'7	+ 8'3	+ 6'0	+ 7'9	
- 0'9	+10'7	- 2'8	+11'2	- 1'3	+ 9'5	0'0	+ 8'3	- 0'8	+ 8'7	+ 0'5	+ 8'5	- 2'1	+ 7'3	- 2'1	+ 8'1	- 2'1	+ 8'5	- 2'4	+ 8'3	- 0'1	+ 8'7	+ 1'6	+ 7'8	- 0'2	+ 9'4	
+ 2'6	+ 7'3	+ 1'5	+ 7'0	+ 1'6	+ 4'9	+ 2'1	+ 4'6	+ 3'5	+ 2'9	+ 3'5	+ 3'4	+ 4'3	+ 4'7	+ 4'0	+ 4'6	+ 3'7	+ 5'3	+ 3'1	+ 5'1	+ 1'9	+ 5'3	+ 0'7	+ 4'2	+ 1'9	+ 6'8	
+ 1'8	+ 1'6	- 0'2	+ 6'2	- 0'6	+ 6'2	- 1'2	+ 6'0	- 1'6	+ 4'6	+ 0'2	+ 6'1	- 3'7	+ 4'9	- 4'3	+ 6'6	- 3'6	+ 5'8	- 2'5	+ 7'1	- 1'6	+ 2'5	+ 5'3	- 2'3	+ 2'7	+ 0'8	
- 3'3	+ 6'5	- 6'0	+ 5'3	- 5'7	+ 4'3	- 4'1	+ 5'8	- 4'1	+ 6'6	- 3'5	+ 7'1	- 3'1	+ 4'9	- 2'5	+ 4'9	- 2'8	+ 4'9	+ 0'3	+ 4'2	+ 1'7	+ 3'8	+ 1'6	+ 4'4	- 0'6	+ 4'7	
+ 6'1	+ 9'5	+ 7'2	+10'5	+ 9'5	+10'7	+ 9'2	+10'4	+ 9'2	+12'6	+ 8'7	+12'4	+ 8'6	+11'1	+ 8'8	+11'8	+ 7'1	+10'7	+ 8'1	+12'1	+ 7'5	+ 8'5	+ 8'0	+ 7'5	+ 9'2	+ 9'3	

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL
FALMOUTH OBSERVATORY - LAT. 50° 9' N. LONG. 5° 4' W.

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.
1890. Jan. 1-5	1	in. '050	2	in. '025	1	in. '100	1	in. '070	1	in. '085	2	in. '080	2	in. '025	—	in. —	—	in. —	—	in. —	—	in. —	1	in. '005
" 6-10	—	—	—	—	—	—	—	—	1	'005	—	—	1	'030	2	'090	2	'035	2	'045	3	'170	2	'080
" 11-15	1	'005	2	'035	3	'015	3	'015	3	'025	2	'015	—	—	3	'020	1	'010	1	'010	2	'010	1	'015
" 16-20	1	'140	3	'020	2	'080	—	—	2	'025	3	'145	3	'110	2	'040	1	'025	2	'040	1	'040	1	'005
" 21-25	3	'180	3	'490	2	'070	—	—	—	—	1	'060	2	'090	1	'030	2	'025	3	'040	1	'005	2	'030
" 26-30	3	'090	3	'100	3	'090	2	'245	2	'175	4	'170	2	'140	1	'010	1	'020	1	'010	—	—	1	'130
Feb. 31-4	—	—	1	'010	—	—	1	'010	3	'070	1	'005	1	'045	2	'055	1	'050	1	'010	—	—	—	—
" 5-9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
" 10-14	1	'050	1	'025	1	'045	—	—	—	—	1	'010	—	—	1	'050	1	'090	1	'010	—	—	—	—
" 15-19	1	'020	1	'010	1	'010	1	'060	1	'060	—	—	1	'035	1	'030	2	'095	1	'120	1	'020	—	—
" 20-24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
" 25-1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Mar. 2-6	2	'030	1	'040	2	'015	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
" 7-11	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	—	—	2	'020	2	'020	1	'055	1	'005
" 12-16	—	—	—	—	1	'010	1	'005	—	—	1	'015	1	'035	1	'055	1	'010	1	'045	2	'015	1	'040
" 17-21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	—	—	1	'005
" 22-26	—	—	1	'020	1	'005	1	'020	2	'045	2	'120	2	'150	2	'150	1	'080	1	'110	1	'090	1	'050
" 27-31	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	1	'005	—	—	—	—	—	—
April 1-5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
" 6-10	—	—	1	'005	1	'020	—	—	2	'040	2	'060	1	'060	2	'110	2	'020	3	'045	1	'015	—	—
" 11-15	—	—	—	—	—	—	1	'035	1	'040	2	'060	—	—	1	'010	1	'020	—	—	—	—	—	—
" 16-20	—	—	1	'030	1	'070	1	'010	1	'010	1	'010	1	'020	2	'045	1	'010	—	—	1	'005	1	'005
" 21-25	3	'045	3	'215	3	'190	3	'045	2	'020	4	'060	3	'075	1	'045	2	'080	2	'135	—	—	1	'010
" 26-30	1	'015	2	'045	1	'025	2	'060	1	'015	1	'010	—	—	—	—	1	'010	1	'030	—	—	1	'005
May 1-5	2	'035	2	'045	2	'085	1	'040	1	'060	2	'055	1	'005	—	—	1	'010	1	'025	1	'010	1	'010
" 6-10	—	—	1	'015	1	'015	—	—	1	'070	1	'070	2	'025	—	—	1	'040	1	'090	1	'060	—	—
" 11-15	—	—	—	—	—	—	1	'005	—	—	—	—	1	'040	1	'025	—	—	1	'005	—	—	—	—
" 16-20	3	'130	4	'100	2	'295	2	'110	1	'045	1	'005	1	'020	1	'070	4	'155	2	'015	1	'040	1	'040
" 21-25	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	1	'005	—	—	1	'005	—	—	—	—
" 26-30	—	—	1	'075	—	—	1	'005	—	—	—	—	—	—	1	'040	1	'005	1	'010	1	'135	1	'090
June 31-4	1	'010	1	'010	—	—	1	'005	—	—	—	—	1	'005	1	'005	1	'005	1	'015	—	—	—	—
" 5-9	1	'020	3	'045	3	'050	3	'020	2	'010	1	'005	—	—	1	'005	—	—	3	'015	1	'050	1	'100
" 10-14	1	'030	2	'165	3	'085	2	'030	1	'035	1	'010	2	'055	2	'035	2	'045	2	'055	—	—	1	'010
" 15-19	—	—	—	—	1	'040	1	'020	1	'020	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 20-24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 25-29	2	'020	2	'080	1	'085	2	'090	1	'080	1	'100	1	'050	1	'090	1	'015	1	'005	—	—	1	'035

NOTE.—In estimating the number of DAYS on which Rain fell, those on
* This total exceeds the sum of the hourly totals by an amount of rain which was measured,

AMOUNTS of RAINFALL registered therein, for FIVE-DAY PERIODS.

Rain-gauge, 2 feet above Ground; 169 feet above Mean Sea Level.

P.M.														Midt.		Totals for the Five Days.										
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Days (see Note).	Amount.	
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.			
—	in.	—	in.	—	in.	—	in.	—	in.	2	in. '045	1	in. '010	1	in. '005	1	in. '030	1	in. '045	1	in. '010	1	in. '005	4	ins. '740*	
1	'030	1	'060	1	'030	1	'010	—	—	1	'020	2	'030	—	—	1	'010	—	—	—	—	2	'015	5	'650	
2	'010	1	'010	—	—	—	—	—	—	1	'005	1	'005	1	'005	1	'005	—	—	—	—	1	'005	4	'220	
1	'105	1	'005	—	—	1	'030	—	—	2	'040	2	'020	2	'025	3	'075	3	'105	3	'030	3	'085	4	1'190	
3	'055	1	'045	1	'080	1	'020	2	'080	1	'010	3	'045	1	'030	2	'145	2	'170	1	'080	3	'190	5	1'970	
1	'060	1	'030	1	'010	1	'020	1	'040	1	'045	1	'005	—	—	1	'035	1	'085	1	'090	2	'035	4	1'635	
—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	1	'005	2	'245	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	1	'040	1	'010	—	—	2	'040	1	'040	1	'085	2	'030	2	'525	
—	—	1	'015	—	—	—	—	—	—	1	'015	1	'020	1	'005	1	'095	1	'010	1	'025	1	'030	2	'675	
—	—	—	—	1	'050	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'060	
—	—	1	'020	—	—	—	—	1	'090	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	1	'115	
—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	3	'095	
—	—	—	—	—	—	1	'040	—	—	—	—	1	'010	—	—	—	—	1	'010	1	'010	—	—	4	'180	
—	—	—	—	—	—	2	'010	—	—	—	—	1	'010	—	—	—	—	—	—	1	'005	2	'010	2	'265	
—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'020	
—	—	—	—	1	'010	1	'030	1	'045	1	'015	—	—	—	—	1	'010	1	'015	—	—	—	—	4	'965	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	0	'015	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	2	'040	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	'415	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'165	
1	'010	1	'070	1	'005	1	'005	—	—	—	—	1	'010	2	'255	2	'100	1	'005	1	'005	—	—	3	'680	
—	—	1	'010	—	—	—	—	1	'025	1	'055	1	'090	2	'145	2	'075	2	'070	2	'100	2	'110	5	1'600	
1	'010	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	1	'005	2	'235
2	'045	2	'075	2	'085	2	'080	1	'055	2	'075	2	'100	2	'245	2	'235	2	'070	3	'230	3	'155	3	1'860*	
1	'010	1	'040	1	'005	2	'120	3	'020	—	—	—	—	—	—	1	'010	1	'030	1	'045	1	'010	3	'675	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'020	1	'005	—	—	2	'100	
3	'025	2	'015	3	'055	1	'040	2	'030	1	'005	1	'020	2	'010	2	'015	3	'085	3	'145	2	'080	5	1'550	
—	—	—	—	1	'005	—	—	—	—	1	'005	1	'030	—	—	—	—	—	—	—	—	—	1	'010	1	'065
1	'030	1	'015	1	'040	1	'060	1	'030	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	1	'545	
—	—	—	—	—	—	—	—	1	'010	1	'015	1	'050	1	'025	1	'030	1	'005	1	'010	—	—	3	'200	
1	'110	1	'090	1	'070	1	'010	—	—	—	—	—	—	—	—	1	'100	1	'010	—	—	—	—	3	'710	
1	'005	1	'010	—	—	1	'010	—	—	1	'030	—	—	—	—	1	'010	1	'005	2	'045	1	'150	4	'820	
1	'005	—	—	—	—	—	—	1	'005	1	'020	1	'020	1	'005	—	—	1	'005	—	—	—	—	—	1	'140
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	1	'005	1	'035	1	'005	—	—	1	'020	1	'050	1	'040	1	'020	1	'050	1	'050	3	'925	

which a fall of less than 0.01 in. was measured have been disregarded.
but which, owing to failure of the trace, could not be allocated to the hours at which it fell.

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL

Five-day Periods.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1890. July 30-4	2	in. '080	2	in. '120	2	in. '055	1	in. '005	—	—	1	in. '070	1	in. '030	1	in. '010	1	in. '030	2	in. '040	1	in. '010	—	in. —		
" 5-9	2	'050	2	'095	2	'035	2	'025	2	'045	1	'010	2	'015	—	—	—	—	2	'015	—	—	—	—		
" 10-14	2	'025	2	'035	2	'045	1	'020	—	—	—	—	—	—	—	—	—	—	1	'035	—	—	—	—		
" 15-19	1	'005	1	'050	1	'050	1	'010	1	'055	1	'165	2	'165	1	'095	—	—	1	'005	—	—	1	'025		
" 20-24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 25-29	2	'020	1	'050	1	'030	1	'055	—	—	—	—	—	—	1	'005	1	'010	1	'005	—	—	—	—		
Aug. 30-3	—	—	—	—	1	'010	2	'025	2	'015	2	'028	2	'030	1	'005	1	'005	3	'017	1	'100	1	'025		
" 4-8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 9-13	1	'010	—	—	1	'010	1	'010	1	'100	1	'020	—	—	—	—	—	—	—	—	—	—	1	'030		
" 14-18	2	'045	2	'070	2	'060	1	'020	1	'010	—	—	—	—	2	'045	1	'060	—	—	1	'020	—	—		
" 19-23	1	'130	1	'140	1	'145	1	'225	2	'200	2	'110	2	'140	2	'250	1	'220	1	'135	1	'010	1	'010		
" 24-28	1	'005	—	—	—	—	1	'060	2	'070	1	'010	2	'015	—	—	1	'005	1	'095	2	'165	2	'105		
Sept. 29-2	—	—	—	—	—	—	1	'010	1	'010	1	'025	—	—	1	'015	1	'020	—	—	—	—	—	—		
" 3-7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 8-12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 13-17	—	—	—	—	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'050		
" 18-22	1	'020	1	'005	1	'030	1	'020	—	—	2	'035	2	'015	—	—	1	'020	2	'015	—	—	—	—		
" 23-27	—	—	1	'070	1	'025	1	'020	—	—	1	'005	1	'010	—	—	—	—	—	—	—	—	—	—		
Oct. 28-2	—	—	—	—	1	'010	—	—	—	—	2	'035	1	'050	1	'015	1	'010	2	'020	—	—	—	—		
" 3-7	1	'005	—	—	1	'010	1	'010	1	'010	—	—	—	—	—	—	1	'010	1	'015	—	—	—	—		
" 8-12	—	—	1	'005	—	—	1	'005	—	—	1	'010	—	—	—	—	—	—	—	—	—	—	—	—		
" 13-17	—	—	—	—	—	—	—	—	—	—	1	'010	1	'005	1	'010	—	—	1	'010	1	'020	1	'040		
" 18-22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 23-27	2	'080	2	'115	2	'035	3	'060	3	'225	3	'050	2	'075	2	'115	3	'090	2	'030	1	'030	1	'005		
Nov. 28-1	2	'045	2	'010	2	'020	3	'020	3	'045	2	'020	—	—	1	'010	—	—	3	'015	—	—	—	—		
" 2-6	3	'095	2	'140	4	'165	3	'265	3	'155	2	'020	1	'010	1	'015	1	'025	3	'055	1	'030	2	'150		
" 7-11	3	'020	3	'080	1	'020	1	'005	1	'015	2	'065	3	'045	—	—	—	—	2	'010	—	—	—	—		
" 12-16	1	'065	1	'020	1	'040	1	'015	—	—	2	'040	2	'015	2	'030	3	'030	2	'020	1	'025	1	'015		
" 17-21	—	—	1	'005	2	'015	2	'010	1	'005	2	'010	1	'005	1	'005	2	'010	3	'020	—	—	2	'010		
" 22-26	2	'015	2	'050	1	'055	1	'055	1	'005	1	'035	1	'010	2	'010	1	'005	1	'005	—	—	—	—		
Dec. 27-1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 2-6	2	'100	2	'150	3	'120	3	'030	2	'040	3	'055	3	'055	1	'035	—	—	1	'020	1	'030	—	—		
" 7-11	2	'050	1	'015	1	'015	1	'005	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—		
" 12-16	—	—	1	'040	1	'020	—	—	—	—	—	—	—	—	—	—	—	—	1	'035	—	—	1	'010		
" 17-21	2	'160	2	'135	2	'035	—	—	—	—	—	—	—	—	1	'005	1	'020	2	'040	1	'030	1	'030		
" 22-26	—	—	—	—	—	—	1	'005	1	'030	1	'040	1	'055	1	'070	2	'090	2	'305	2	'140	2	'080		
" 27-31	—	—	—	—	1	'005	1	'010	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

NOTE.—In estimating the number of DAYS on which Rain fell, those on

AMOUNTS of RAINFALL registered therein, for FIVE-DAY PERIODS—*continued*.

P.M.																								Midt.		Totals for the Five Days.	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Days (see Note).	Amount.		
1	in. '020	—	in. —	1	in. '020	1	in. '070	1	in. '005	2	in. '170	1	in. '010	1	in. '015	2	in. '035	2	in. '015	2	in. '020	2	in. '040	3	ins. '930		
1	'025	3	'055	2	'055	1	'095	1	'080	1	'060	1	'120	1	'045	1	'030	1	'015	1	'010	2	'040	5	'920		
—	—	2	'030	3	'055	2	'140	2	'085	2	'035	1	'070	1	'020	3	'045	1	'020	1	'020	2	'040	5	'720		
1	'015	1	'050	2	'155	2	'100	2	'135	1	'025	2	'060	1	'050	2	'100	2	'125	1	'005	—	—	4	1'445		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
—	—	1	'025	2	'025	1	'155	1	'020	1	'050	1	'090	—	—	—	—	1	'010	1	'005	2	'080	3	'635		
1	'005	—	—	1	'010	—	—	—	—	1	'025	1	'020	—	—	—	—	1	'020	1	'050	—	—	3	'390		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
—	—	—	—	—	—	2	'015	2	'010	—	—	2	'015	1	'100	2	'220	2	'315	2	'435	2	'080	3	1'370		
—	—	—	—	—	—	2	'010	—	—	—	—	—	—	1	'010	1	'005	1	'005	1	'020	1	'030	4	'410		
—	—	1	'025	1	'050	1	'025	1	'030	1	'010	—	—	—	—	—	—	1	'050	—	—	1	'025	4	1'930		
1	'015	—	—	2	'050	1	'035	2	'100	3	'095	2	'110	2	'015	—	—	—	—	2	'060	1	'010	4	1'020		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	2	'085		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
1	'165	1	'095	1	'140	1	'160	1	'450	1	'070	1	'255	1	'025	—	—	—	—	—	—	1	'005	1	1'425		
1	'010	—	—	—	—	1	'020	1	'050	1	'030	1	'210	2	'110	1	'070	1	'090	1	'010	1	'005	5	'765		
—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	1	'010	—	—	—	—	2	'145		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	'165		
1	'010	1	'035	1	'030	1	'015	1	'015	1	'005	—	—	—	—	—	—	—	—	—	—	3	'025	3	'195		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'010	2	'030		
1	'005	1	'005	—	—	—	—	—	—	—	—	—	1	'010	1	'010	—	—	1	'010	1	'020	—	—	3	'185	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
2	'035	2	'080	3	'035	2	'045	2	'055	1	'005	—	—	1	'035	1	'040	1	'020	—	—	1	'020	3	1'280		
—	—	—	—	—	—	2	'035	2	'065	2	'075	2	'045	2	'025	2	'015	2	'010	3	'045	3	'030	5	'530		
2	'165	3	'120	2	'030	2	'035	3	'110	3	'065	4	'305	—	—	—	—	1	'055	1	'040	1	'005	5	2'055		
—	—	—	—	2	'010	2	'030	2	'215	3	'065	3	'130	3	'120	3	'060	2	'120	1	'120	2	'130	5	1'260		
1	'030	1	'020	1	'010	2	'075	1	'050	1	'110	2	'065	2	'055	1	'115	2	'140	1	'145	3	'075	5	1'205		
2	'090	2	'035	1	'010	—	—	3	'030	2	'025	1	'010	1	'005	1	'005	1	'005	1	'005	—	—	4	'315		
—	—	—	—	2	'010	1	'045	2	'040	1	'030	1	'015	1	'020	1	'005	1	'015	—	—	—	—	3	'425		
—	—	—	—	1	'005	1	'015	1	'020	1	'040	1	'060	1	'020	1	'040	1	'095	1	'060	1	'025	1	'380		
1	'020	1	'020	1	'005	—	—	3	'020	3	'035	2	'030	2	'025	2	'050	1	'050	2	'065	2	'085	5	1'040		
—	—	—	—	—	—	—	—	—	—	1	'010	1	'010	1	'010	1	'010	1	'050	—	—	—	—	3	'180		
—	—	1	'005	—	—	—	—	—	—	1	'010	1	'025	1	'030	—	—	—	—	—	—	—	—	2	'175		
1	'050	1	'070	2	'065	2	'020	2	'030	1	'070	1	'130	1	'105	2	'050	2	'120	2	'040	2	'090	3	1'295		
1	'090	1	'110	2	'065	1	'085	1	'095	2	'095	2	'150	2	'085	2	'060	1	'010	1	'005	1	'015	3	1'680		
2	'130	1	'045	1	'040	2	'115	2	'030	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	'385		

which a fall of less than 0.01 in. was measured have been disregarded.

FALMOUTH OBSERVATORY

TABLE VI.—HOURLY and DAILY MEANS of
Barometer Cistern, 183 feet

1890.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	ins. 29'738	ins. 29'729	ins. 29'729	ins. 29'729	ins. 29'729	ins. 29'729	ins. 29'734	ins. 29'736	ins. 29'745	ins. 29'753	ins. 29'766	ins. 29'775	ins. 29'765
Feb. -	29'958	29'953	29'949	29'941	29'938	29'937	29'938	29'940	29'949	29'953	29'957	29'958	29'955
March	29'706	29'700	29'694	29'683	29'679	29'677	29'681	29'685	29'695	29'700	29'704	29'707	29'707
April -	29'657	29'649	29'640	29'632	29'628	29'624	29'629	29'632	29'636	29'642	29'648	29'653	29'652
May -	29'608	29'602	29'595	29'591	29'589	29'592	29'601	29'606	29'613	29'614	29'619	29'623	29'623
June -	29'885	29'875	29'865	29'857	29'856	29'856	29'863	29'867	29'873	29'875	29'878	29'881	29'880
July -	29'779	29'773	29'768	29'763	29'766	29'767	29'773	29'779	29'788	29'791	29'796	29'799	29'802
August	29'756	29'748	29'741	29'736	29'731	29'731	29'736	29'742	29'751	29'755	29'762	29'763	29'763
Sept. -	29'965	29'962	29'957	29'950	29'946	29'946	29'951	29'958	29'966	29'972	29'976	29'974	29'970
Oct. -	30'007	30'003	29'998	29'989	29'986	29'986	29'988	29'990	30'000	30'006	30'010	30'009	30'005
Nov. -	29'732	29'729	29'731	29'730	29'733	29'735	29'737	29'742	29'752	29'761	29'769	29'771	29'759
Dec. -	29'762	29'754	29'753	29'751	29'747	29'744	29'748	29'753	29'762	29'772	29'781	29'778	29'769
Year -	29'796	29'790	29'785	29'779	29'777	29'777	29'782	29'786	29'794	29'800	29'806	29'808	29'804

TABLE VII.—HOURLY and DAILY MEANS of
Thermometer,

1890.	Midt.	A.M.											Noon.	
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
Jan. -	46°4	46°4	45°8	46°3	46°3	46°5	46°4	46°5	46°7	47°0	47°2	48°0	48°3	48°5
Feb. -	40°6	40°6	40°3	40°3	40°2	40°3	40°0	40°3	40°2	40°9	41°8	43°0	43°7	44°2
March	42°2	42°4	42°4	42°6	42°3	42°4	42°1	42°5	43°4	44°7	45°5	46°5	46°8	47°5
April -	45°5	45°4	45°2	45°1	44°7	44°8	44°8	45°7	46°7	47°9	48°3	49°6	49°8	50°1
May -	49°9	49°9	49°5	49°4	49°1	49°2	49°9	51°6	52°8	53°7	54°2	54°7	54°8	55°5
June -	53°1	53°0	52°8	52°9	52°9	53°0	54°0	55°5	56°4	57°7	58°7	59°3	59°8	60°0
July -	54°8	54°6	54°2	54°2	54°2	54°1	55°1	56°9	57°9	58°8	59°3	59°8	59°9	60°4
August	55°3	55°1	54°9	55°0	54°7	54°7	54°9	57°0	58°3	59°8	60°4	60°6	61°0	61°7
Sept. -	55°6	55°5	55°5	55°5	55°3	55°5	55°5	56°4	58°1	59°6	60°4	61°1	61°8	61°9
Oct. -	50°9	50°9	50°4	50°3	50°3	50°5	50°4	50°4	51°2	52°8	53°9	55°0	55°4	55°5
Nov. -	45°9	45°8	45°6	45°5	45°0	45°0	44°9	44°9	44°8	46°0	47°0	47°9	48°1	48°5
Dec. -	38°4	38°3	38°1	38°1	38°1	38°2	38°5	38°7	38°6	38°9	39°3	39°9	40°4	40°5
Year -	48°2	48°2	47°9	47°9	47°8	47°9	48°0	48°9	49°6	50°7	51°3	52°1	52°5	52°9

TABLE VIII.—HOURLY and DAILY MEAN DIFFERENCE between the DRY-BULB

1890.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	1°5	1°6	1°4	1°6	1°6	1°6	1°5	1°5	1°5	1°6	1°6	1°8	2°1
Feb. -	1°6	1°7	1°6	1°6	1°6	1°6	1°6	1°7	1°7	1°8	2°1	2°5	2°8
March	1°6	1°7	1°6	1°7	1°6	1°5	1°4	1°6	2°0	2°5	3°0	3°2	3°4
April -	2°0	2°0	1°9	1°8	1°7	1°8	1°8	2°0	2°4	3°0	3°1	3°5	3°8
May -	1°6	1°5	1°4	1°5	1°6	1°6	1°8	2°3	2°7	3°0	3°3	3°2	3°3
June -	1°3	1°2	1°0	1°0	1°1	1°1	1°4	2°0	2°7	3°2	3°8	3°9	4°2
July -	1°2	1°0	1°1	1°0	1°1	1°0	1°3	1°8	2°3	3°0	3°4	3°6	3°7
August	1°7	1°6	1°6	1°6	1°5	1°4	1°5	2°0	2°8	3°6	4°2	4°2	4°6
Sept. -	1°1	0°9	1°0	1°0	0°9	1°0	1°0	1°3	1°8	2°3	2°7	3°1	3°6
Oct. -	1°6	1°6	1°6	1°6	1°4	1°4	1°4	1°4	1°6	2°2	2°6	3°0	3°3
Nov. -	2°0	1°9	1°9	2°0	1°8	1°9	1°8	1°9	1°8	2°1	2°4	2°6	2°9
Dec. -	1°6	1°6	1°5	1°4	1°5	1°4	1°5	1°6	1°6	1°6	1°5	1°8	1°9
Year -	1°6	1°5	1°5	1°5	1°5	1°4	1°5	1°8	2°1	2°5	2°8	3°0	3°3

LAT. 50° 9' N. LONG. 5° 4' W.

PRESSURE for each CALENDAR MONTH and for the YEAR.
above Mean Sea Level.

P.M.											Midt.	Daily Means (Month).	1890.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	Jan.
29.752	29.748	29.747	29.748	29.752	29.754	29.755	29.758	29.755	29.753	29.747	29.742	29.747	Feb.
29.948	29.939	29.936	29.936	29.940	29.949	29.953	29.956	29.957	29.960	29.957	29.955	29.948	March.
29.702	29.696	29.692	29.690	29.691	29.698	29.704	29.709	29.711	29.710	29.708	29.703	29.697	April.
29.654	29.652	29.647	29.646	29.646	29.647	29.650	29.658	29.657	29.653	29.648	29.643	29.645	May.
29.621	29.621	29.617	29.616	29.613	29.614	29.616	29.619	29.625	29.625	29.621	29.619	29.612	June.
29.878	29.877	29.875	29.872	29.869	29.867	29.865	29.866	29.870	29.871	29.863	29.856	29.870	July.
29.800	29.799	29.797	29.792	29.788	29.788	29.788	29.793	29.800	29.803	29.802	29.800	29.788	August.
29.763	29.763	29.760	29.759	29.756	29.756	29.761	29.768	29.773	29.774	29.771	29.768	29.756	Sept.
29.965	29.961	29.954	29.950	29.948	29.949	29.953	29.960	29.959	29.959	29.956	29.951	29.958	Oct.
29.993	29.986	29.980	29.978	29.980	29.988	29.993	29.997	30.000	30.003	30.001	30.001	29.995	Nov.
29.740	29.741	29.736	29.737	29.738	29.743	29.748	29.753	29.754	29.753	29.749	29.751	29.745	Dec.
29.756	29.749	29.748	29.751	29.753	29.757	29.759	29.759	29.759	29.757	29.755	29.750	29.757	Year.
29.798	29.794	29.791	29.790	29.790	29.793	29.795	29.800	29.802	29.802	29.798	29.795	29.793	

TEMPERATURE for each CALENDAR MONTH and for the YEAR.
4 feet above Ground.

P.M.										Midt.	Daily Means (Month).	Means of Daily		1890.
14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		Max.	Min.	
48.6	48.5	47.8	47.2	46.8	46.7	46.4	46.4	46.3	46.6	46.6	47.0	50.2	42.3	Jan.
44.3	44.2	43.6	43.0	42.3	41.8	41.4	41.2	40.9	40.6	40.2	41.6	45.2	37.3	Feb.
47.2	47.5	46.8	46.1	45.0	44.0	43.5	43.2	42.8	42.6	42.6	44.2	48.7	39.7	March.
50.0	50.1	49.5	49.2	48.2	47.0	46.3	46.1	45.8	45.8	45.6	47.1	51.4	43.2	April.
55.2	55.5	54.8	54.5	53.5	52.6	51.3	50.5	50.1	49.9	49.8	52.1	57.0	47.6	May.
60.4	60.1	59.4	58.7	57.3	56.4	54.9	54.0	53.5	53.5	53.3	56.0	62.0	51.5	June.
60.2	60.1	59.6	59.2	58.5	57.7	56.6	55.7	55.3	55.2	55.1	57.1	62.0	52.8	July.
61.5	61.4	60.7	60.1	58.9	57.7	56.4	55.9	55.4	55.2	55.0	57.7	62.9	53.0	August.
61.4	61.2	60.4	59.7	58.5	57.3	56.7	56.2	55.9	55.9	55.9	57.9	62.9	53.6	Sept.
55.1	55.3	54.2	53.5	52.4	52.1	51.8	51.8	51.3	51.2	50.8	52.3	56.6	47.7	Oct.
48.4	48.3	47.4	46.5	46.2	46.0	45.9	46.0	45.7	45.6	45.5	46.2	50.0	42.3	Nov.
40.4	40.3	39.7	39.4	39.2	39.1	38.9	38.7	38.7	38.6	38.4	39.0	42.5	34.9	Dec.
52.7	52.7	52.0	51.4	50.6	49.9	49.2	48.8	48.5	48.4	48.2	49.9	54.3	45.5	Year.

and WET-BULB THERMOMETERS, for each CALENDAR MONTH and for the YEAR.

P.M.											Midt.	Daily Means (Month).	1890.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
2°3	2°5	2°4	2°0	1°7	1°6	1°7	1°6	1°6	1°6	1°6	1°5	1°8	Jan.
3°0	3°2	3°2	3°0	2°7	2°6	2°3	2°1	2°0	1°9	1°7	1°7	2°1	Feb.
3°6	3°5	3°5	3°5	3°2	2°8	2°4	2°2	2°1	1°8	1°7	1°7	2°4	March.
3°9	3°9	3°9	3°9	3°8	3°3	2°7	2°3	2°1	1°9	2°0	2°0	2°7	April.
3°6	3°6	3°5	3°4	3°2	3°0	2°5	2°0	1°6	1°4	1°4	1°5	2°4	May.
4°2	4°5	4°4	4°1	3°8	3°3	2°7	1°9	1°4	1°4	1°3	1°4	2°5	June.
3°6	3°6	3°5	3°4	3°0	2°7	2°2	1°7	1°3	1°2	1°2	1°1	2°2	July.
4°9	4°8	4°9	4°5	4°3	3°6	2°8	2°1	1°9	1°9	1°8	1°8	2°9	August.
3°6	3°5	3°4	3°0	2°8	2°2	1°5	1°3	1°2	1°2	1°2	1°2	1°9	Sept.
3°2	3°0	3°0	2°7	2°5	2°1	2°0	1°9	1°9	1°6	1°7	1°7	2°1	Oct.
2°8	2°8	2°5	2°4	2°2	1°9	1°9	2°0	2°2	2°1	2°0	2°0	2°1	Nov.
1°9	1°9	1°9	1°8	1°6	1°6	1°6	1°6	1°5	1°6	1°5	1°5	1°6	Dec.
3°4	3°4	3°4	3°1	2°9	2°6	2°2	1°9	1°7	1°6	1°6	1°6	2°2	Year.

FALMOUTH OBSERVATORY

TABLE IX.—MEAN HOURLY and DAILY WIND

1890.	A.M.																				Noon.			
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
January	-10°5'	-12°7'	-9°8'	-13°0'	-10°1'	-13°1'	-9°9'	-13°1'	-10°0'	-12°5'	-9°1'	-12°6'	-9°7'	-12°1'	-10°0'	-12°1'	-9°8'	-11°7'	-10°3'	-10°7'	-10°6'	-11°8'	-10°7'	-12°2'
February	+1°6'	+6°5'	+0°1'	+7°1'	+0°3'	+6°1'	+0°7'	+5°4'	+0°9'	+5°9'	+1°6'	+7°1'	+0°6'	+7°0'	+0°7'	+7°1'	+0°2'	+7°1'	+0°3'	+7°0'	+0°2'	+7°6'	+0°9'	+7°7'
March	-1°2'	-5°4'	-0°8'	-5°1'	-0°7'	-5°9'	-1°0'	-5°4'	-0°6'	-4°4'	-1°0'	-5°0'	-0°6'	-5°1'	0°0'	-5°5'	+1°5'	-5°7'	+2°2'	-6°0'	+1°7'	-7°2'	+1°0'	-7°9'
April	+1°5'	-0°1'	+1°4'	-0°3'	+0°8'	-1°2'	+0°4'	-2°1'	+0°7'	-2°3'	+0°5'	-2°9'	+1°0'	-2°4'	+1°0'	-2°1'	+3°8'	-0°7'	+3°1'	+0°3'	+2°9'	-0°8'	+3°1'	-1°0'
May	-1°6'	+0°6'	-1°4'	+0°1'	-3°5'	+0°7'	-3°6'	+1°0'	-3°8'	+2°0'	-4°2'	+1°4'	-3°9'	+1°8'	-5°2'	+2°2'	-6°0'	+2°9'	-5°6'	+1°8'	-7°1'	+2°3'	-7°5'	+2°2'
June	-2°7'	-7°7'	-2°4'	-8°0'	-1°5'	-8°7'	-1°1'	-8°3'	-0°7'	-7°9'	-0°7'	-8°4'	+0°7'	-8°9'	+0°9'	-9°3'	+0°5'	-9°8'	-0°9'	-9°3'	-2°4'	-9°1'	-3°1'	-9°3'
July	+1°7'	-9°4'	+1°7'	-8°7'	+2°1'	-8°8'	+2°8'	-8°5'	+3°0'	-8°1'	+3°4'	-7°8'	+3°3'	-8°3'	+3°1'	-8°9'	+2°7'	-9°8'	+2°5'	-9°8'	+3°5'	-10°3'	+2°4'	-10°6'
August	-0°4'	-5°5'	-0°1'	-5°7'	+0°5'	-5°5'	+0°4'	-5°1'	+0°4'	-5°2'	+0°1'	-4°9'	+0°4'	-5°1'	+0°3'	-6°1'	+1°6'	-7°4'	+0°9'	-6°4'	+1°3'	-8°2'	+0°8'	-8°1'
September	-3°0'	-1°1'	-3°2'	-1°2'	-2°7'	-1°4'	-2°4'	-1°2'	-3°2'	-2°1'	-2°4'	-1°5'	-2°7'	-2°3'	-3°1'	-1°7'	-3°7'	-1°9'	-4°1'	-1°5'	-4°9'	-1°2'	-5°8'	-1°3'
October	+3°2'	-7°4'	+3°5'	-6°6'	+2°8'	-7°1'	+2°5'	-6°8'	+2°1'	-6°9'	+2°6'	-6°8'	+1°8'	-6°5'	+2°5'	-7°4'	+1°7'	-7°7'	+1°6'	-8°3'	+1°4'	-8°4'	+1°6'	-9°0'
November	+2°2'	-10°6'	+3°0'	-9°8'	+2°3'	-9°1'	+2°7'	-9°1'	+2°5'	-9°0'	+2°3'	-8°2'	+2°5'	-9°5'	+2°2'	-9°0'	+2°1'	-9°8'	+1°6'	-9°6'	-0°7'	-9°4'	-1°0'	-9°5'
December	+4°7'	+4°1'	+4°5'	+4°7'	+5°1'	+4°1'	+4°5'	+4°2'	+4°4'	+4°5'	+3°7'	+5°8'	+3°2'	+6°0'	+3°0'	+6°4'	+2°7'	+5°1'	+2°0'	+6°5'	+2°1'	+7°3'	+0°2'	+7°0'
Year	-0°4'	-4°1'	-0°3'	-3°9'	-0°4'	-4°2'	-0°3'	-4°1'	-0°4'	-3°8'	-0°5'	-3°7'	-0°3'	-3°8'	-0°4'	-3°9'	-0°2'	-4°1'	-0°6'	-3°8'	-1°1'	-4°1'	-1°7'	-4°3'

TABLE X.—NUMBER of HOURS in which RAIN fell, and the

Rain-gauge 2 feet above Ground;

1890.	A.M.																				Noon.			
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.
January	9	in. .465	13	in. .670	11	in. .355	6	in. .330	10	in. .320	12	in. .470	10	in. .395	9	in. .190	7	in. .105	9	in. .145	7	in. .225	8	in. .265
February	2	°070	3	°045	2	°055	2	°070	3	°125	2	°015	2	°080	4	°135	4	°215	3	°140	1	°020	—	—
March	2	°030	2	°060	4	°030	2	°025	3	°050	3	°135	4	°195	3	°205	5	°115	5	°185	4	°160	4	°100
April	4	°060	7	°295	6	°305	7	°150	7	°125	10	°200	5	°155	6	°210	7	°140	6	°210	2	°020	3	°020
May	5	°165	8	°235	6	°400	5	°160	3	°175	4	°130	6	°095	5	°145	8	°215	8	°165	4	°245	3	°140
June	6	°140	9	°340	9	°275	10	°170	5	°145	4	°185	4	°195	4	°130	3	°060	6	°075	1	°050	3	°145
July	8	°120	7	°310	8	°210	7	°135	5	°115	3	°180	5	°190	4	°115	3	°045	9	°110	2	°110	2	°050
August	5	°190	3	°210	4	°215	5	°325	7	°390	6	°188	5	°175	5	°310	4	°305	3	°237	4	°195	4	°145
September	1	°020	2	°075	4	°075	2	°040	—	—	4	°045	3	°025	—	—	1	°020	3	°020	—	—	1	°050
October	5	°130	4	°125	4	°060	7	°090	8	°290	8	°115	4	°135	4	°140	6	°120	8	°095	2	°070	2	°035
November	9	°195	10	°300	10	°300	9	°355	6	°180	9	°170	8	°085	6	°060	7	°070	11	°110	2	°055	5	°175
December	6	°310	6	°340	8	°195	6	°050	4	°080	4	°095	4	°110	3	°110	3	°110	7	°405	4	°200	4	°120
Year	62	1°895	74	3°005	76	2°475	68	1°900	61	1°995	69	1°928	60	1°835	53	1°750	58	1°520	78	1°897	33	1°350	39	1°245

NOTE.—In estimating the number of DAYS on which Rain fell, those on which
 * This total exceeds the sum of the hourly totals by an amount of rain which was measured.

LAT 50° 9' N. LONG. 5° 4' W.

COMPONENTS for each CALENDAR MONTH and for the YEAR.

P.M.																							Midt.		Daily Means (Month).		1890.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.		
-11°0	-11°9	-11°3	-12°4	-11°2	-11°9	-10°5	-11°3	-10°6	-11°2	-10°7	-11°1	-10°9	-10°7	-11°3	-10°1	-11°3	-9°8	-11°7	-9°2	-11°9	-9°6	-11°3	-11°1	-10°6	-11°6	January.	
-0°5	+7°5	-0°6	+6°8	+1°0	+6°6	+0°1	+6°9	+0°5	+6°4	+0°8	+5°9	+1°1	+5°6	+1°1	+4°9	+1°1	+5°2	+2°1	+5°8	+1°2	+6°1	+1°1	+6°0	+0°6	+6°5	February.	
+0°5	-7°2	-0°2	-7°7	-1°5	-7°5	-1°1	-9°0	-0°8	-7°8	-0°2	-6°9	-0°2	-5°3	-0°3	-5°8	-0°8	-5°6	-1°8	-5°5	-0°8	-5°3	-0°7	-5°3	-0°3	-6°1	March.	
+3°9	-0°1	+3°7	-1°0	+4°3	-1°7	+4°4	-1°8	+4°9	-1°7	+4°3	-1°4	+2°4	-1°1	+1°3	-1°2	+1°6	-0°7	+1°2	-1°2	+1°7	-0°4	+1°6	-0°4	+2°3	-1°2	April.	
-7°9	+2°4	-6°9	+1°0	-7°3	+1°2	-7°1	+0°2	-5°5	-0°8	-5°2	-0°7	-2°8	-0°6	-3°2	-0°7	-4°2	-0°1	-4°3	-0°1	-2°4	-1°2	-1°7	-0°4	-4°7	+0°8	May.	
-3°2	-11°1	-3°2	-11°8	-1°4	-12°0	-1°6	-12°0	-1°9	-12°0	-1°0	-11°3	-1°6	-10°1	-1°7	-9°0	-2°3	-8°6	-1°4	-8°3	-1°8	-8°7	-2°6	-9°0	-1°6	-9°5	June.	
+1°0	-10°3	+0°9	-10°5	+1°6	-10°0	+1°2	-9°9	+1°1	-10°4	+0°6	-9°5	+1°0	-8°6	+0°3	-7°8	+0°5	-7°4	+0°7	-8°1	+1°0	-8°2	+1°0	-8°4	+1°8	-9°1	July.	
+0°9	-8°8	+0°7	-9°3	+1°4	-10°1	+1°7	-9°8	+1°6	-9°3	+1°6	-8°6	+0°9	-7°2	+0°7	-6°3	+0°8	-6°8	+0°1	-6°4	+0°3	-6°3	-0°2	-6°0	+0°7	-7°0	August.	
-4°8	-1°6	-4°0	-1°5	-4°0	-1°6	-3°4	-2°1	-2°7	-1°5	-2°3	-1°6	-1°6	-1°6	-2°2	-1°2	-1°7	-1°7	-2°0	-2°0	-3°1	-1°4	-4°1	-1°5	-3°2	-1°6	September.	
+1°2	-8°8	+2°8	-8°1	+2°4	-8°2	+3°5	-8°1	+2°9	-6°8	+3°5	-7°1	+4°2	-7°0	+4°5	-7°5	+4°9	-6°4	+4°8	-5°9	+4°8	-5°7	+4°5	-5°8	+3°0	-7°3	October.	
-2°0	-9°0	-1°5	-9°4	-0°4	-9°5	-1°6	-8°8	-0°5	-8°6	-0°3	-8°9	+0°1	-9°3	+0°6	-9°3	+1°2	-8°9	-0°9	-9°9	-0°3	-9°9	-0°1	-10°3	+0°7	-9°4	November.	
+1°9	+7°1	+1°3	+7°8	+1°7	+7°2	+2°3	+7°0	+2°5	+7°3	+2°8	+7°4	+2°0	+6°7	+2°0	+7°1	+1°7	+6°9	+2°5	+7°1	+2°8	+5°8	+4°1	+4°7	+2°8	+6°2	December.	
-1°7	-4°3	-1°5	-4°7	-1°1	-4°8	-1°0	-4°9	-0°7	-4°7	-0°5	-4°5	-0°5	-4°1	-0°7	-3°9	-0°7	-3°7	-0°9	-3°6	-0°7	-3°7	-0°7	-4°0	-0°7	-4°1	Year.	

TOTAL AMOUNTS of RAINFALL MEASURED, for each HOUR, and CALENDAR MONTH, and for the YEAR.

169 feet above Mean Sea Level.

P.M.																							Midt.		Monthly Totals.		1890.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Bany Days.	Amount.		
8	in. '260	5	in. '150	3	in. '120	4	in. '080	3	in. '120	8	in. '165	10	in. '115	5	in. '065	9	in. '300	7	in. '405	6	in. '210	12	in. '335	26	ins. 6'410°	January.	
—	—	1	'015	1	'050	1	'010	—	—	3	'060	2	'030	1	'005	3	'135	2	'050	2	'110	4	'065	7	1'500	February.	
—	—	1	'020	2	'015	4	'080	3	'140	1	'015	3	'025	—	—	1	'010	2	'025	2	'015	4	'020	15	1'655	March.	
2	'020	2	'080	1	'005	3	'045	1	'025	2	'060	2	'100	4	'400	4	'175	3	'075	3	'105	3	'115	17	3'095	April.	
7	'110	6	'145	8	'190	6	'300	7	'135	5	'095	4	'150	4	'255	5	'260	7	'205	8	'425	7	'255	16	4'825°	May.	
3	'120	2	'100	3	'095	4	'125	4	'025	4	'075	4	'100	4	'095	5	'185	6	'050	5	'115	3	'230	14	3'225	June.	
4	'065	7	'160	10	'300	6	'490	6	'320	7	'355	6	'360	3	'115	7	'205	7	'200	6	'100	7	'170	21	4'530	July.	
1	'015	1	'025	3	'100	4	'075	7	'150	4	'105	4	'125	4	'125	3	'225	4	'370	5	'515	5	'145	18	4'860	August.	
2	'175	1	'095	2	'145	2	'180	2	'500	2	'100	3	'475	4	'145	1	'070	3	'105	1	'010	3	'015	10	2'385	September.	
4	'050	4	'120	4	'065	5	'095	5	'135	4	'085	3	'055	3	'050	2	'050	3	'035	3	'060	8	'075	16	2'280	October.	
5	'285	6	'175	8	'070	7	'185	11	'445	10	'295	11	'525	8	'220	7	'190	8	'340	5	'315	7	'220	23	5'320	November.	
5	'290	5	'250	7	'180	6	'235	9	'195	9	'260	8	'405	8	'275	8	'210	6	'325	6	'170	6	'215	20	5'135	December.	
41	1'390	41	1'335	52	1'335	52	1'900	58	2'190	59	1'670	60	2'465	48	1'750	55	2'015	58	2'185	52	2'150	69	1'860	203	45'220°	Year.	

a fall of less than 0°0' in. was measured have been disregarded.
but which, owing to failure of the trace, could not be allocated to the hours at which it fell.

FALMOUTH OBSERVATORY

TABLE XI.—NUMBER of OBSERVATIONS of WIND, and the MEAN VELOCITY, referred to Eight Points, for each
each HOUR and for the DAY; and the MAXIMUM VELOCITY

JANUARY 1890.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	1	27	1	20	1	16	1	15	1	15	1	16	1	18	1	18	3	14	3	15	3	16	3	17
NE	1	22	1	6	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
E	0	—	0	—	1	6	0	—	1	8	1	11	1	11	0	—	0	—	0	—	0	—	1	21
SE	1	17	1	11	2	8	2	9	2	11	2	11	2	12	3	12	3	13	3	15	2	15	1	9
S	6	22	6	27	5	27	6	26	6	23	6	28	6	29	7	28	6	30	6	26	7	24	6	23
SW	11	28	11	22	10	24	10	26	10	28	9	21	9	23	8	20	9	21	11	27	10	30	10	32
W	9	21	8	24	8	26	5	25	6	23	8	25	9	22	9	26	7	26	5	24	5	21	5	27
NW	0	—	3	22	4	21	6	23	5	21	4	22	3	18	3	19	3	15	2	13	3	26	4	22
Calms	2	—	0	—	0	—	1	—	0	—	0	—	0	—	0	—	0	—	1	—	1	—	1	—
Mean Velocity irrespective of Direction	—	22	—	22	—	23	—	23	—	23	—	22	—	22	—	23	—	22	—	22	—	24	—	24

FEBRUARY.

N	4	11	1	7	3	9	3	13	4	13	5	13	4	13	4	14	3	11	2	18	4	14	3	15
NE	8	13	10	13	8	14	7	14	8	13	8	16	8	13	9	13	7	14	7	14	5	14	4	13
E	5	17	4	17	3	18	4	15	4	17	3	20	3	17	3	17	4	18	5	15	5	12	8	14
SE	3	21	4	19	3	18	3	18	4	14	4	17	6	19	5	19	5	19	5	19	7	21	6	17
S	2	12	3	9	2	20	3	16	2	22	2	21	2	25	2	26	2	26	2	27	2	30	3	25
SW	1	11	1	15	2	12	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
W	0	—	0	—	0	—	1	15	0	—	0	—	0	—	0	—	0	—	1	13	0	—	0	—
NW	1	7	1	6	0	—	1	7	1	8	1	12	1	8	0	—	1	23	1	26	1	28	2	18
Calms	4	—	4	—	7	—	6	—	5	—	5	—	4	—	5	—	6	—	5	—	4	—	2	—
Mean Velocity irrespective of Direction	—	12	—	12	—	11	—	11	—	12	—	13	—	13	—	13	—	13	—	14	—	15	—	15

MARCH.

N	4	8	3	12	3	9	3	11	2	16	2	17	2	17	3	20	5	19	4	21	4	23	2	28
NE	4	14	4	15	2	13	3	13	3	17	3	19	3	17	2	22	4	17	2	25	2	26	2	23
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	10	1	8	3	13	3	12	4	10
SE	0	—	0	—	0	—	1	24	1	27	1	24	3	22	2	10	2	11	1	7	4	11	3	11
S	3	22	5	18	5	19	4	20	5	18	5	20	3	15	3	26	4	22	4	22	3	18	3	21
SW	8	13	6	16	5	16	5	15	3	21	3	14	3	20	2	20	2	22	2	21	4	23	4	23
W	7	16	6	14	6	13	6	13	5	14	7	15	6	17	9	18	7	19	8	20	6	22	7	25
NW	2	21	5	15	9	15	6	14	6	14	6	15	6	15	3	17	4	23	4	21	5	25	6	21
Calms	3	—	2	—	1	—	3	—	6	—	4	—	5	—	6	—	2	—	3	—	0	—	0	—
Mean Velocity irrespective of Direction	—	13	—	14	—	14	—	13	—	14	—	15	—	14	—	15	—	1	—	18	—	20	—	20

APRIL.

N	4	12	4	10	4	11	4	9	5	12	6	10	6	11	7	15	9	18	6	19	6	24	2	29
NE	6	13	3	12	1	14	2	14	2	14	2	9	0	—	1	10	2	10	0	—	0	—	3	13
E	5	13	7	13	7	14	6	13	5	14	5	14	7	14	6	15	5	15	9	14	8	17	6	16
SE	2	15	3	16	2	17	1	13	2	18	1	16	1	17	3	16	4	16	4	17	4	15	5	14
S	2	21	1	20	1	22	3	17	2	16	3	20	3	19	1	29	1	25	0	—	1	17	1	17
SW	2	21	2	20	4	20	3	22	2	12	3	18	1	21	3	15	2	12	3	18	4	16	3	18
W	3	20	3	21	2	23	3	22	5	20	4	18	5	20	5	20	5	21	3	20	2	26	1	31
NW	5	14	5	18	5	17	4	19	4	18	4	22	4	21	2	22	1	26	5	21	5	21	7	26
Calms	1	—	2	—	4	—	4	—	3	—	2	—	3	—	2	—	1	—	0	—	0	—	0	—
Mean Velocity irrespective of Direction	—	14	—	14	—	14	—	14	—	14	—	14	—	15	—	16	—	17	—	17	—	20	—	19

LAT. 50° 9' N. LONG. 5° 4' W.

Hour and for the DAY, for each CALENDAR MONTH. Also the MEAN VELOCITY irrespective of DIRECTION, for observed during the MONTH from each of the Eight Points.

JANUARY 1890.

P.M.																							Midt.		Monthly Totals and Means.		Maximum Velocity.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.		
2	14	3	10	2	10	2	14	3	14	3	16	3	17	2	20	1	6	2	13	2	15	2	15	47	15	33	
0	—	0	—	0	—	1	8	1	7	0	—	0	—	0	—	2	15	1	6	0	—	0	—	7	11	23	
1	20	2	16	1	9	1	7	0	—	1	7	0	—	1	6	0	—	0	—	0	—	0	—	12	12	21	
1	8	0	—	1	21	1	19	1	18	1	17	2	15	2	16	3	20	3	16	2	12	0	—	41	14	26	
5	24	5	24	4	27	4	22	7	20	8	20	9	22	9	25	8	27	5	34	8	33	8	30	153	26	50	
11	33	11	34	14	29	12	29	11	29	10	28	9	27	9	25	7	32	12	24	8	26	8	24	240	27	51	
6	18	7	20	4	17	6	19	4	17	6	20	6	21	6	16	8	17	5	17	8	15	10	20	160	21	50	
5	19	3	17	4	17	3	17	2	18	1	14	1	11	2	12	2	13	3	14	1	19	1	25	68	19	52	
0	—	0	—	1	—	1	—	2	—	1	—	1	—	0	—	0	—	0	—	2	—	2	—	16	—	—	
—	24	—	24	—	23	—	21	—	21	—	21	—	21	—	22	—	23	—	22	—	21	—	22	—	—	—	

FEBRUARY.

3	16	4	15	3	12	3	14	4	13	5	11	4	13	3	14	4	12	6	13	4	11	5	11	88	13	27
7	13	4	16	6	15	5	15	4	14	5	14	6	14	7	13	8	13	8	11	7	14	6	14	162	14	24
4	17	5	12	7	18	7	12	7	14	7	16	5	16	4	15	2	21	1	14	4	17	4	17	108	16	33
7	18	8	21	4	20	5	25	6	19	3	22	4	20	4	23	5	19	6	22	4	23	5	21	116	20	36
4	18	4	15	4	12	4	10	1	19	1	11	2	14	1	21	2	15	0	—	2	13	1	8	53	17	33
1	10	1	10	0	—	0	—	1	9	1	11	1	8	1	11	0	—	0	—	1	7	1	9	12	10	18
0	—	0	—	1	11	1	11	0	—	0	—	0	—	1	13	3	8	1	12	1	11	1	9	11	11	15
1	33	2	29	2	28	2	24	2	20	3	15	2	20	1	33	1	24	1	14	1	10	0	—	29	19	34
1	—	0	—	1	—	1	—	3	—	3	—	4	—	6	—	3	—	5	—	4	—	5	—	93	—	—
—	16	—	17	—	16	—	15	—	14	—	13	—	13	—	13	—	13	—	12	—	13	—	12	—	—	—

MARCH.

4	23	4	22	3	21	1	11	3	20	4	17	2	11	2	9	1	7	1	7	2	7	2	8	66	16	31
2	23	3	19	2	17	2	20	2	19	2	20	2	19	3	14	3	12	4	13	4	15	5	13	68	17	28
4	12	3	11	2	17	2	15	3	11	2	14	3	11	1	12	2	10	1	11	1	12	1	16	37	12	19
1	18	2	10	2	13	2	9	1	10	1	9	1	8	1	20	1	32	1	31	1	30	1	29	33	16	34
4	20	4	22	4	20	3	19	3	23	3	18	3	17	2	11	4	14	3	15	2	14	3	15	85	19	38
4	25	5	20	8	21	8	18	7	13	6	14	5	13	5	11	1	9	4	11	7	13	6	14	113	16	30
8	22	6	23	8	21	9	22	8	22	8	17	9	15	10	14	10	14	10	15	7	16	7	17	180	18	32
3	27	4	25	2	24	4	22	4	17	4	19	5	16	4	16	4	21	3	22	4	20	3	24	106	19	31
1	—	0	—	0	—	0	—	0	—	1	—	1	—	3	—	5	—	4	—	3	—	3	—	56	—	—
—	21	—	20	—	20	—	19	—	18	—	16	—	14	—	12	—	12	—	13	—	14	—	14	—	16	—

APRIL.

3	26	3	28	4	22	6	19	6	20	7	19	5	17	5	17	7	12	4	13	5	10	5	11	123	16	40
2	16	2	14	0	—	0	—	2	13	3	14	2	13	4	11	3	10	4	11	5	13	5	14	54	12	21
6	18	6	18	6	18	6	17	4	17	4	13	3	11	2	14	4	14	5	12	4	11	4	13	130	15	25
6	14	4	11	4	13	4	11	3	12	3	12	2	13	3	12	2	13	1	16	1	14	1	14	66	14	20
2	12	3	11	3	10	2	12	2	10	3	13	4	14	2	15	2	17	3	19	4	18	3	19	52	16	31
4	18	4	17	2	20	4	16	3	17	1	11	2	10	3	16	3	19	2	20	1	7	2	18	65	17	33
0	—	1	18	2	14	1	20	3	14	3	15	3	15	4	12	3	11	4	14	3	19	4	17	72	18	32
7	28	7	26	9	24	7	22	6	23	5	19	6	13	4	12	3	13	4	12	5	13	5	13	119	20	40
0	—	0	—	0	—	0	—	1	—	1	—	3	—	3	—	3	—	3	—	2	—	1	—	39	—	—
—	20	—	19	—	19	—	17	—	17	—	15	—	12	—	12	—	12	—	12	—	13	—	12	—	—	—

FALMOUTH.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and the

MAY 1890.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	1	9	1	9	1	8	2	10	2	7	1	6	1	7	0	—	0	—	1	12	1	11	1	14
NE	6	7	5	8	2	7	3	9	1	11	1	9	3	12	2	12	1	8	0	—	0	—	0	—
E	4	11	5	10	5	11	6	11	6	11	7	10	5	12	5	14	7	13	8	15	7	16	7	14
SE	4	16	4	18	5	15	4	14	6	13	4	15	5	14	8	12	9	12	6	12	8	13	10	13
S	4	18	4	15	7	16	5	18	5	19	5	19	6	18	6	19	8	18	8	17	8	19	6	20
SW	2	17	1	19	1	6	3	12	2	15	5	12	3	14	3	15	1	21	1	24	3	23	3	29
W	1	25	2	21	2	20	2	21	3	14	1	13	1	16	2	25	2	23	2	25	2	23	1	12
NW	4	18	4	20	4	17	3	12	2	13	3	18	4	17	4	15	2	21	3	21	2	24	3	21
Calms	5	—	5	—	4	—	3	—	4	—	4	—	3	—	1	—	1	—	2	—	0	—	0	—
Mean Velocity irrespective of Direction	—	12	—	12	—	12	—	12	—	12	—	12	—	13	—	14	—	15	—	15	—	17	—	17

JUNE.

N	0	—	1	11	0	—	1	16	1	14	1	17	3	14	3	12	1	9	3	19	2	22	2	23
NE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	6	0	—	0	—	0	—
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	11	0	—	0	—
SE	0	—	1	14	0	—	0	—	0	—	0	—	1	11	0	—	1	6	1	9	2	11	2	9
S	6	15	3	14	3	9	3	9	2	10	3	11	1	11	2	11	2	12	5	14	6	13	6	15
SW	5	12	8	14	8	16	10	14	9	12	7	13	6	13	7	14	7	14	6	20	6	19	5	19
W	10	11	7	13	7	11	5	12	6	12	7	13	9	14	8	15	7	18	7	15	8	16	12	16
NW	8	12	8	16	11	14	10	12	10	12	9	13	9	13	9	13	11	14	6	12	6	12	3	15
Calms	1	—	2	—	1	—	1	—	2	—	3	—	1	—	1	—	0	—	1	—	0	—	0	—
Mean Velocity irrespective of Direction	—	12	—	12	—	13	—	12	—	11	—	12	—	13	—	13	—	14	—	15	—	15	—	16

JULY.

N	2	10	1	9	2	8	3	11	5	11	5	11	4	13	4	13	1	11	3	12	2	19	1	21
NE	0	—	1	7	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	6	1	7	2	9
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	9	2	9	1	8	1	11	0	—
SE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	6	0	—	0	—	0	—	0	—
S	0	—	0	—	1	13	1	13	1	12	1	13	1	11	0	—	0	—	0	—	1	24	1	22
SW	6	21	7	19	7	18	5	18	5	15	6	15	8	15	10	16	12	17	10	17	9	17	9	20
W	8	12	7	13	6	10	7	9	6	11	4	10	7	12	5	16	3	17	5	18	4	17	5	14
NW	12	15	12	13	12	16	12	15	10	17	10	17	8	18	9	19	12	19	10	18	13	19	12	20
Calms	3	—	3	—	3	—	3	—	4	—	5	—	3	—	1	—	1	—	1	—	0	—	1	—
Mean Velocity irrespective of Direction	—	13	—	13	—	13	—	12	—	12	—	12	—	13	—	15	—	16	—	16	—	18	—	18

AUGUST.

N	2	8	3	11	3	9	2	11	3	11	2	11	3	8	5	9	4	11	6	12	1	11	3	16
NE	0	—	1	7	0	—	1	10	0	—	0	—	1	11	0	—	2	7	0	—	0	—	0	—
E	3	9	1	6	2	11	1	12	3	12	2	15	2	16	2	18	2	19	2	19	1	25	1	23
SE	0	—	1	19	1	15	1	11	1	7	1	7	1	6	0	—	0	—	5	7	4	11	3	12
S	1	21	0	—	0	—	0	—	0	—	1	13	1	22	1	9	1	8	0	—	1	18	2	15
SW	4	21	4	23	4	25	4	21	1	36	4	19	5	16	7	18	7	17	6	19	5	20	5	22
W	8	11	10	11	7	10	5	13	12	12	6	13	5	16	7	15	5	19	7	17	6	19	7	17
NW	8	10	7	9	10	9	10	9	5	10	9	10	9	11	6	13	9	13	5	15	12	16	9	16
Calms	5	—	4	—	4	—	7	—	6	—	6	—	4	—	3	—	1	—	0	—	1	—	1	—
Mean Velocity irrespective of Direction	—	10	—	11	—	10	—	9	—	10	—	10	—	11	—	13	—	14	—	15	—	16	—	16

FALMOUTH.

MEAN VELOCITY, &c. for each CALENDAR MONTH—*continued*.

MAY 1890.

P.M.																				Midt.		Monthly Totals and Means.		Maximum Velocity.		
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.					24.	
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.				No.	V.
1	13	0	—	1	20	2	12	1	16	3	11	4	11	4	11	2	13	3	11	5	9	3	8	40	10	20
1	9	1	12	0	—	0	—	1	6	0	—	2	11	1	9	1	12	0	—	1	8	4	9	36	9	13
5	18	5	16	3	15	4	15	3	15	4	13	2	12	3	11	3	11	4	12	3	11	3	9	114	13	27
11	13	10	13	10	13	8	10	5	10	5	9	3	9	2	11	3	23	3	22	2	21	4	14	139	13	34
7	21	4	25	8	20	8	19	9	20	7	20	8	18	8	18	7	16	7	14	5	18	3	20	153	18	32
2	31	3	29	2	31	4	25	2	25	4	24	2	24	4	16	4	16	4	17	4	16	3	13	66	19	35
1	19	2	21	1	21	1	17	2	22	1	19	2	18	2	17	2	13	2	14	2	16	3	18	42	19	29
3	20	4	18	4	17	3	19	5	16	4	16	5	11	4	12	4	13	3	12	4	15	3	18	84	16	30
0	—	2	—	2	—	1	—	3	—	4	—	3	—	3	—	5	—	5	—	5	—	5	—	70	—	—
—	18	—	17	—	16	—	16	—	15	—	14	—	13	—	13	—	13	—	12	—	12	—	11	—	14	—

JUNE.

0	—	0	—	1	18	0	—	0	—	0	—	1	10	0	—	0	—	1	13	1	15	0	—	22	16	28
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	6	6
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	11	11
2	8	2	8	1	9	1	6	1	9	1	8	1	7	0	—	0	—	0	—	1	14	2	11	20	9	14
5	16	3	18	3	17	4	15	2	21	2	20	3	19	4	17	5	17	3	17	3	19	3	18	82	15	31
9	17	12	20	9	18	9	18	10	17	7	17	6	17	6	12	5	12	6	13	9	13	6	14	178	16	34
6	18	4	16	8	19	7	18	7	18	10	17	10	14	10	14	10	14	12	11	9	11	11	13	197	14	29
8	19	9	19	8	18	9	18	10	17	10	16	9	14	10	11	9	11	7	11	5	16	7	12	201	14	30
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	—	1	—	2	—	1	—	18	—	—
—	17	—	18	—	18	—	17	—	17	—	16	—	15	—	13	—	13	—	12	—	13	—	13	—	14	—

JULY.

4	20	3	24	3	19	2	21	2	20	1	20	2	20	1	20	1	11	2	8	3	10	1	16	58	14	30
2	9	1	11	0	—	1	9	0	—	1	9	0	—	0	—	1	9	1	6	0	—	0	—	12	8	11
0	—	1	10	2	9	1	9	1	9	0	—	1	8	1	8	0	—	0	—	1	8	1	6	14	9	11
1	8	1	8	0	—	1	7	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	7	8
2	17	2	25	3	17	3	22	2	23	2	27	3	23	3	22	1	13	3	18	0	—	1	20	32	20	35
11	20	9	20	8	19	9	19	9	18	8	17	6	17	5	18	7	19	6	18	7	19	5	21	184	18	29
2	16	5	18	6	17	4	16	4	15	7	14	5	11	6	10	7	10	6	10	7	11	9	13	135	13	28
9	21	9	18	9	21	10	21	13	18	11	17	13	15	14	13	11	13	12	14	10	14	9	15	262	17	34
0	—	0	—	0	—	0	—	0	—	1	—	1	—	1	—	3	—	1	—	3	—	5	—	43	—	—
—	19	—	19	—	18	—	18	—	18	—	16	—	15	—	14	—	12	—	13	—	13	—	13	—	15	—

AUGUST.

3	14	2	19	2	19	0	—	3	12	3	12	4	10	4	11	3	13	2	11	2	10	3	7	68	11	23
0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	8	1	8	0	—	0	—	0	—	7	8	11
1	23	1	22	1	19	3	17	3	16	3	14	3	11	2	11	2	9	2	12	2	14	2	12	47	14	25
3	11	2	15	2	11	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	25	10	22
1	20	3	11	2	23	2	24	1	21	1	23	0	—	0	—	1	22	1	18	1	18	1	27	23	18	27
7	25	7	24	6	25	4	26	8	22	6	18	9	17	8	16	6	16	5	17	4	17	3	20	120	20	37
5	11	5	19	5	14	6	17	3	18	6	19	6	15	5	12	6	14	9	14	8	16	9	12	158	14	31
10	18	11	16	12	17	16	16	13	16	11	14	8	11	9	10	9	11	7	10	9	11	8	11	222	13	32
1	—	0	—	1	—	0	—	0	—	1	—	1	—	2	—	3	—	5	—	5	—	5	—	66	—	—
—	17	—	18	—	18	—	18	—	17	—	15	—	13	—	12	—	12	—	11	—	11	—	11	—	13	—

FALMOUTH.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and the

SEPTEMBER 1890.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	3	8	4	9	4	10	4	9	3	8	4	10	3	9	4	8	4	10	3	10	3	12	2	11
NE	0	—	0	—	0	—	2	6	1	8	1	6	1	6	2	9	0	—	0	—	0	—	1	14
E	3	12	2	12	1	12	2	13	2	11	2	9	2	11	3	10	4	12	3	13	3	13	1	15
SE	3	16	3	13	2	13	1	12	1	13	3	9	3	10	2	12	3	10	4	11	7	13	8	13
S	4	15	4	13	7	13	7	13	6	15	5	17	5	17	6	16	7	16	7	15	3	22	4	19
SW	3	11	4	14	3	13	3	13	4	14	3	11	3	14	4	17	3	18	5	15	7	16	6	17
W	4	11	5	9	3	9	4	10	3	10	2	17	3	12	3	10	4	13	3	11	1	16	4	14
NW	3	8	1	10	3	7	2	8	3	10	4	8	5	10	4	9	5	10	4	12	5	12	2	13
Calms	7	—	7	—	7	—	5	—	7	—	6	—	5	—	2	—	0	—	1	—	1	—	2	—
Mean Velocity irrespective of Direction	—	9	—	9	—	9	—	9	—	9	—	9	—	10	—	11	—	13	—	13	—	14	—	14

OCTOBER.

N	6	10	6	12	6	11	6	11	6	11	7	10	3	6	3	8	3	10	2	10	1	14	1	14
NE	1	6	2	7	0	—	2	9	1	9	1	7	3	9	3	8	1	10	1	6	1	7	0	—
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	6	2	9	3	10	2	12	2	11
SE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	11	4	10	4	9
S	0	—	0	—	0	—	1	6	1	8	1	6	0	—	1	8	0	—	1	8	1	6	1	6
SW	6	14	5	15	5	17	6	16	5	18	4	18	5	19	4	22	6	20	4	20	5	19	5	22
W	5	15	5	14	6	18	4	14	6	15	6	12	6	19	5	13	5	14	6	12	4	27	5	23
NW	6	23	5	24	4	20	6	18	6	13	6	18	5	14	7	23	6	22	7	23	8	26	8	22
Calms	7	—	8	—	10	—	6	—	6	—	6	—	9	—	7	—	8	—	5	—	5	—	5	—
Mean Velocity irrespective of Direction	—	12	—	11	—	11	—	11	—	11	—	11	—	11	—	12	—	12	—	15	—	16	—	16

NOVEMBER.

N	1	11	2	21	2	12	2	14	2	13	1	12	2	10	5	14	5	16	3	17	1	8	3	23
NE	3	18	3	17	4	16	3	21	4	16	4	17	4	15	2	19	2	19	3	19	5	16	4	14
E	1	10	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
SE	0	—	2	12	2	14	1	20	1	18	1	7	1	10	0	—	0	—	0	—	0	—	0	—
S	2	14	3	19	2	18	3	15	3	14	3	19	1	17	3	13	3	14	3	18	4	18	9	17
SW	3	27	2	19	4	20	3	21	4	14	3	11	5	13	6	13	6	19	8	14	13	16	5	16
W	10	20	6	19	7	18	7	19	8	22	7	24	9	16	8	17	7	19	5	23	4	24	6	25
NW	9	18	10	20	7	23	8	20	4	27	6	19	6	26	4	29	3	40	6	25	4	34	3	34
Calms	1	—	2	—	2	—	3	—	4	—	5	—	2	—	2	—	4	—	2	—	0	—	0	—
Mean Velocity irrespective of Direction	—	18	—	18	—	17	—	17	—	16	—	15	—	16	—	16	—	18	—	18	—	19	—	20

DECEMBER.

N	3	9	3	12	7	11	5	13	5	11	7	10	6	12	6	11	6	9	5	10	2	12	3	14
NE	13	14	12	14	9	15	12	14	10	15	8	15	7	14	8	16	11	15	10	14	13	13	8	12
E	4	12	4	15	4	19	4	14	6	14	8	18	8	18	8	17	3	18	4	15	6	17	5	16
SE	1	23	3	14	1	14	2	15	2	12	2	14	0	—	1	19	4	17	4	21	3	19	9	17
S	4	10	3	13	3	15	3	14	3	13	3	12	4	14	3	14	3	15	3	18	4	15	2	9
SW	1	6	1	6	1	7	0	—	0	—	1	8	0	—	0	—	0	—	1	9	0	—	0	—
W	0	—	0	—	0	—	1	46	1	44	1	43	2	22	1	33	2	17	1	23	1	26	1	22
NW	4	19	3	22	2	30	1	7	1	6	0	—	0	—	0	—	0	—	1	11	0	—	1	15
Calms	1	—	2	—	4	—	3	—	3	—	1	—	4	—	4	—	2	—	2	—	2	—	2	—
Mean Velocity irrespective of Direction	—	13	—	14	—	13	—	13	—	13	—	14	—	13	—	14	—	14	—	14	—	14	—	14

FALMOUTH.

MEAN VELOCITY, &c. for each CALENDAR MONTH—continued.

SEPTEMBER 1890.

P.M.																						Midt.		Monthly Totals and Means.		Maximum Velocity.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	
2	10	2	10	2	18	4	11	3	12	2	19	4	13	3	14	3	13	4	12	3	10	2	11	75	11	24
1	7	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	9	8	14
1	15	2	15	1	19	2	17	2	17	2	16	3	14	3	12	3	13	3	12	1	11	1	12	52	13	20
8	15	9	14	8	14	7	13	4	16	4	15	3	16	3	16	2	17	3	11	4	11	5	14	100	13	28
4	19	2	28	3	22	3	20	4	19	4	16	3	17	3	20	3	17	2	19	4	21	4	16	104	17	37
5	20	5	19	6	17	4	17	5	14	3	14	1	23	2	20	4	14	4	19	4	17	5	13	96	16	32
2	13	1	14	2	14	6	14	3	10	4	11	6	10	6	7	4	8	5	10	3	10	3	11	84	11	22
6	14	8	13	6	12	3	13	6	12	6	12	6	8	4	9	5	10	5	8	5	8	3	7	104	10	20
1	—	1	—	2	—	1	—	3	—	5	—	4	—	6	—	6	—	4	—	6	—	7	—	95	—	—
—	15	—	15	—	14	—	14	—	13	—	12	—	11	—	10	—	10	—	11	—	10	—	10	—	11	—

OCTOBER.

3	14	1	17	2	17	4	16	4	15	6	15	5	16	5	15	3	14	5	11	7	16	8	14	103	15	30
1	5	1	6	1	6	0	—	0	—	0	—	0	—	0	—	1	17	0	—	1	6	2	7	23	8	17
1	13	1	16	0	—	1	14	2	11	1	12	1	12	1	11	1	12	1	6	0	—	0	—	20	11	16
6	9	6	8	6	9	2	8	1	6	0	—	1	6	0	—	0	—	1	15	1	11	0	—	34	9	15
2	8	2	8	2	8	1	6	0	—	1	6	1	6	0	—	1	7	0	—	1	6	0	—	18	7	8
5	19	2	21	3	19	4	15	5	14	3	9	4	11	3	10	3	9	4	12	4	13	4	15	104	16	34
7	28	7	20	8	21	6	20	5	20	7	19	4	18	7	15	6	14	3	14	4	14	3	13	130	18	39
5	21	10	21	8	20	9	17	7	16	5	19	8	18	7	20	8	21	10	18	6	18	6	20	163	20	42
1	—	1	—	1	—	4	—	7	—	8	—	7	—	8	—	8	—	7	—	7	—	8	—	149	—	—
—	17	—	16	—	16	—	14	—	12	—	12	—	12	—	11	—	11	—	11	—	11	—	11	—	13	—

NOVEMBER.

1	32	2	23	2	20	2	15	3	13	3	15	2	11	3	10	3	9	3	9	3	10	2	9	58	14	34
6	16	5	15	5	15	4	12	2	15	2	16	3	17	2	21	3	20	3	19	3	15	3	18	82	16	25
0	—	0	—	0	—	0	—	1	8	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	9	10
0	—	0	—	0	—	1	9	0	—	1	14	1	15	2	23	2	25	2	23	2	25	2	23	21	18	35
7	19	6	22	7	22	6	23	6	26	3	21	4	20	2	13	1	13	1	18	1	17	0	—	83	19	33
8	15	6	17	3	11	3	18	3	10	6	18	5	14	6	15	7	20	8	21	7	18	6	18	129	17	45
5	29	8	21	9	24	9	20	7	23	7	22	6	24	6	25	5	18	6	22	4	30	9	22	165	22	46
2	35	2	38	3	25	5	23	5	25	6	22	7	23	7	22	8	22	6	20	9	19	7	18	137	23	53
1	—	1	—	1	—	0	—	3	—	2	—	2	—	2	—	1	—	1	—	1	—	1	—	43	—	—
—	20	—	20	—	20	—	19	—	18	—	18	—	18	—	18	—	18	—	19	—	18	—	18	—	18	—

DECEMBER.

2	17	4	15	3	15	5	13	2	15	5	14	5	13	8	10	6	10	7	10	6	9	7	9	118	11	23
11	14	6	16	9	15	8	14	10	15	9	15	11	12	8	15	11	13	9	14	10	15	9	16	232	14	25
6	16	8	15	6	15	8	14	7	17	7	16	6	15	7	15	4	13	7	14	4	15	5	9	139	15	28
4	16	6	14	5	16	2	23	3	20	3	20	2	15	3	14	4	19	3	17	3	15	3	21	73	17	37
2	17	2	18	3	13	3	14	2	14	2	13	4	19	3	22	3	21	4	17	4	15	2	13	72	15	39
2	7	0	—	1	6	1	7	0	—	1	6	1	7	1	9	1	9	0	—	0	—	1	7	14	7	9
1	16	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	6	0	—	0	—	1	6	12	25	46
1	16	0	—	1	15	1	14	2	14	1	10	0	—	0	—	0	—	1	11	1	12	2	21	23	17	53
2	—	5	—	3	—	3	—	5	—	3	—	2	—	1	—	1	—	0	—	3	—	1	—	59	—	—
—	14	—	13	—	13	—	13	—	13	—	13	—	13	—	13	—	13	—	14	—	12	—	13	—	13	—

FALMOUTH OBSERVATORY.

TABLE XII.—MEANS and EXTREMES of PRESSURE and TEMPERATURE, and AMOUNTS of RAINFALL for each DAY of the YEAR.

JANUARY 1890.										FEBRUARY 1890.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.							Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.		
				Dry.	Difference. (Dry—Wet.)	Max.	Min.							Dry.	Difference. (Dry—Wet.)				
1	ins.	ins.	ins.	39°2	2°1	43°3	33°4	in.	0°10	1	ins.	ins.	ins.	45°6	0°7	49°1	43°2	in.	0°50
2	30°128	30°174	30°050	42°3	1°8	45°5	33°0	—	—	2	30°089	30°230	29°057	42°5	2°4	46°0	33°7	—	1°90
3	29°815	30°078	29°576	45°1	0°9	47°0	42°6	1°45	—	3	30°096	30°301	29°914	37°6	2°3	42°5	33°0	—	—
4	29°402	29°576	29°330	46°7	1°8	49°0	43°3	1°65	—	4	30°246	30°305	30°132	37°7	2°0	43°6	33°2	—	—
5	29°405	29°472	29°324	51°0	1°6	53°7	48°0	1°40	—	5	29°996	30°128	29°934	41°8	1°8	46°7	37°0	—	—
6	29°525	29°838	29°298	52°1	1°1	54°1	49°7	1°15	—	6	29°987	30°057	29°924	37°8	2°9	41°6	31°9	—	—
7	29°953	30°054	29°838	51°6	1°4	53°0	49°7	0°90	—	7	30°044	30°068	30°021	39°3	3°1	41°3	36°1	—	—
8	30°074	30°111	30°027	48°5	2°0	51°5	41°9	0°85	—	8	30°130	30°155	30°066	40°2	3°0	42°4	36°2	—	—
9	29°973	30°073	29°865	48°8	1°1	52°8	40°9	0°350	—	9	30°043	30°149	29°976	40°4	2°7	42°5	36°9	—	—
10	29°925	30°082	29°789	48°1	1°7	52°2	44°0	0°10	—	10	29°927	29°978	29°897	40°8	2°6	44°9	35°7	—	—
11	30°024	30°092	29°894	50°0	0°3	52°2	45°8	0°20	—	11	29°943	30°005	29°889	44°6	2°5	47°3	41°9	—	—
12	30°043	30°089	30°009	48°8	1°5	51°9	43°0	0°25	—	12	29°915	30°000	29°756	42°6	2°5	45°0	39°6	1°90	—
13	30°107	30°174	30°014	48°1	0°5	51°1	43°6	1°05	—	13	29°477	29°756	29°295	42°4	1°4	45°8	39°4	1°35	—
14	30°005	30°080	29°966	48°4	1°0	50°1	44°2	0°25	—	14	29°391	29°676	29°248	39°9	1°5	44°0	36°2	—	—
15	29°950	30°048	29°887	48°6	0°9	50°9	47°2	0°65	—	15	29°663	29°727	29°546	39°6	2°6	43°7	36°1	—	—
16	29°947	29°998	29°925	50°8	1°5	51°7	49°1	0°05	—	16	29°528	29°552	29°504	43°8	1°1	47°8	34°1	1°40	—
17	29°845	29°932	29°777	49°1	1°6	51°0	47°0	0°275	—	17	29°354	29°517	29°299	46°1	1°6	49°0	42°8	0°210	—
18	29°671	29°777	29°354	47°0	2°4	51°9	38°3	0°440	—	18	29°448	29°613	29°284	47°7	1°5	50°4	46°4	—	—
19	29°466	29°610	29°356	46°0	3°0	50°8	41°0	0°295	—	19	29°702	29°778	29°613	47°8	1°1	49°4	46°0	0°005	—
20	29°363	29°404	29°316	40°8	2°6	44°7	37°9	1°175	—	20	29°830	29°909	29°746	46°1	0°6	50°9	41°0	0°60	—
21	29°369	29°418	29°326	44°3	3°0	48°4	37°6	0°005	—	21	29°872	29°919	29°838	43°4	0°9	49°3	35°1	—	—
22	29°323	29°518	28°918	42°0	1°6	49°6	36°7	1°250	—	22	29°988	30°107	29°917	43°4	0°9	49°3	35°1	—	—
23	29°002	29°187	28°718	42°0	1°6	49°6	36°7	1°250	—	23	30°278	30°413	30°107	44°1	1°7	48°2	37°2	—	—
23	28°954	29°434	28°524	45°2	2°3	50°5	39°3	0°405	—	23	30°425	30°459	30°399	39°2	2°7	42°2	35°8	—	—
24	29°503	29°572	29°434	48°1	1°0	52°6	40°6	1°195	—	24	30°318	30°401	30°265	40°1	2°7	43°9	34°9	—	—
25	29°431	29°641	29°327	50°6	2°2	53°2	44°7	0°235	—	25	30°318	30°275	30°096	42°5	2°8	44°5	41°0	—	—
26	29°762	29°866	29°636	47°7	3°3	51°1	41°0	0°490	—	26	30°213	30°275	30°096	42°5	2°8	44°5	41°0	—	—
27	29°793	29°885	29°662	47°1	1°7	50°9	43°9	0°705	—	27	30°122	30°239	30°059	41°0	2°6	43°2	36°2	—	—
28	29°586	29°888	29°445	47°1	1°0	51°1	39°7	0°880	—	28	30°264	30°309	30°233	37°5	3°9	40°1	33°3	—	—
29	29°586	29°888	29°445	47°1	1°0	51°1	39°7	0°880	—	29	30°255	30°318	29°151	33°8	3°1	38°9	29°5	—	—
30	30°243	30°388	29°888	40°9	3°0	45°6	37°8	0°10	—	30	30°122	30°239	30°059	41°0	2°6	43°2	36°2	—	—
31	30°318	30°383	30°270	45°8	2°7	48°6	39°3	—	—	31	30°251	30°278	30°228	—	—	—	—	—	—
	30°251	30°278	30°228	47°2	1°1	48°2	46°4	0°005	—										
Maximum fall in one hour } 2 a.m. 22nd -										Maximum fall in one hour } 10 a.m. 16th -									
0°370										0°120									
MARCH.										APRIL.									
1	PRESSURE.			TEMPERATURE.				RAIN-FALL.		1	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.							Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.		
				Dry.	Difference. (Dry—Wet.)	Max.	Min.							Dry.	Difference. (Dry—Wet.)				
1	ins.	ins.	ins.	37°2	2°3	42°1	33°0	in.	0°15	1	ins.	ins.	ins.	44°7	3°2	48°3	42°1	in.	—
2	29°901	30°151	29°755	33°2	3°6	35°7	28°1	—	—	2	30°061	30°113	29°076	44°7	3°2	48°3	42°1	—	—
3	29°987	30°183	29°789	33°2	3°6	35°7	28°1	—	—	3	29°860	29°976	29°708	44°4	3°0	47°1	42°0	—	—
4	30°255	30°325	30°173	28°5	3°6	32°3	25°0	—	—	4	29°896	29°942	29°834	44°1	2°7	49°1	40°1	—	—
5	30°162	30°319	29°881	32°1	2°7	40°1	23°8	0°10	—	5	29°956	29°988	29°927	44°1	3°5	50°9	38°3	—	—
6	29°874	29°920	29°807	44°0	2°6	45°7	40°2	0°90	—	6	29°933	29°984	29°868	47°3	3°1	54°7	39°2	—	—
7	29°849	29°876	29°820	46°9	2°1	50°9	43°9	0°15	—	7	29°724	29°808	29°644	40°5	0°8	53°2	46°1	0°65	—
8	29°750	29°839	29°596	46°7	2°3	51°9	44°0	0°30	—	8	29°571	29°676	29°502	48°1	2°5	51°3	45°9	0°265	—
9	29°444	29°596	29°331	45°7	2°0	50°0	42°1	1°20	—	9	29°712	29°811	29°672	45°5	4°5	48°1	43°2	0°25	—
10	29°907	30°167	29°477	40°3	4°3	44°1	35°6	0°10	—	10	29°799	29°846	29°685	43°7	4°3	47°1	40°6	0°10	—
11	30°132	30°171	30°083	47°8	1°5	50°1	41°0	0°20	—	11	29°686	29°784	29°596	43°0	3°5	46°3	39°3	0°50	—
12	30°237	30°298	30°165	50°7	2°5	55°1	48°3	—	—	12	29°752	29°774	29°728	42°8	3°6	49°1	36°6	0°70	—
13	30°182	30°284	30°015	48°6	3°9	50°8	46°1	—	—	13	29°548	29°728	29°394	43°4	3°7	50°3	36°6	—	—
14	29°798	30°015	29°667	46°1	2°4	48°5	44°6	—	—	14	29°273	29°391	29°156	47°2	3°3	51°0	44°6	—	—
15	29°569	29°667	29°435	46°5	1°6	52°3	43°3	—	—	15	29°091	29°156	29°034	48°8	3°5	51°2	46°3	—	—
16	29°199	29°435	28°977	47°7	1°7	49°9	45°4	0°65	—	16	29°044	29°088	29°011	50°3	2°5	54°1	47°1	0°95	—
17	28°967	29°123	28°856	43°4	2°3	47°4	37°7	1°200	—	17	29°073	29°160	28°984	49°8	1°8	53°7	47°6	0°365	—
18	29°223	29°282	29°123	41°4	2°9	49°0	35°0	—	—	18	29°204	29°338	29°128	49°3	2°3	53°8	46°8	1°35	—
19	29°133	29°262	29°056	42°3	2°1	47°0	37°6	0°20	—	19	29°508	29°664	29°339	45°1	2°0	46°9	42°8	1°80	—
20	29°421	29°564	29°192	41°0	2°9	46°0	34°6	—	—	20	29°776	29°889	29°651	45°7	2°7	49°1	43°9	—	—
21	29°481	29°562	29°368	42°1	2°9	46°9	35°2	—	—	21	29°059	29°994	29°891	50°5	1°7	57°0	44°8	—	—
22	29°483	29°589	29°354	44°5	2°0	51°7	36°2	—	—	22	29°912	29°969	29°844	51°0	0°8	54°5	49°5	1°20	—
23	29°609	29°651	29°576	46°6	1°6	50°7	43°3	1°100	—	23	29°845	29°955	29°765	50°8	2°4	57°1	45°5	1°20	—
24	29°550	29°604	29°464	45°4	2°6	49°1	39°3	1°160	—	24	29°880	29°985	29°620	49°5	2°2	54°2	45°1	1°85	—
25	29°070	29°532	28°926	46°6	1°6	51°5	41°2	1°650	—	25	29°520	29°622	29°290	50°0	1°6	52°3	45°8	1°280</	

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., FALMOUTH—cont.

MAY 1890.											JUNE 1890.										
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.				
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.		Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.						
				Dry.	Difference. (Dry-Wet.)							Dry.	Difference. (Dry-Wet.)					Dry.	Difference. (Dry-Wet.)		
1	ins. 29° 61.8	ins. 29° 66.2	ins. 29° 58.6	51° 3	2° 6	55° 5	45° 0	in. —	ins. 29° 93.5	ins. 29° 99.2	ins. 29° 88.2	53° 1	3° 5	60° 6	43° 1	in. —	1				
2	29° 70.5	29° 74.5	29° 65.8	47° 9	2° 2	55° 7	43° 0	—	29° 86.5	29° 88.6	29° 84.2	54° 5	3° 3	58° 5	51° 7	—	2				
3	29° 55.1	29° 72.1	29° 42.7	48° 8	1° 0	52° 2	42° 9	° 55.5	29° 71.5	29° 84.2	29° 59.8	54° 8	2° 9	59° 8	52° 0	° 14.5	3				
4	29° 33.9	29° 42.7	29° 23.5	50° 0	0° 9	51° 6	49° 1	° 04.5	29° 65.1	29° 74.6	29° 57.8	56° 0	1° 5	63° 1	53° 7	° 02.5	4				
5	29° 31.3	29° 38.9	29° 21.1	51° 4	2° 0	56° 5	46° 6	° 26.0	29° 82.4	29° 90.1	29° 73.8	56° 0	1° 4	60° 0	53° 8	° 17.0	5				
6	29° 32.6	29° 38.5	29° 28.8	50° 8	1° 9	54° 8	48° 5	° 14.5	29° 88.6	30° 10.2	29° 71.0	54° 2	2° 0	59° 1	48° 1	° 08.0	6				
7	29° 36.5	29° 38.3	29° 32.8	50° 1	1° 6	54° 9	45° 6	° 43.0	30° 16.3	30° 19.2	30° 10.2	55° 2	3° 0	61° 7	47° 1	—	7				
8	29° 40.0	29° 42.4	29° 37.3	53° 2	3° 2	59° 2	48° 7	—	29° 98.0	30° 14.2	29° 90.7	54° 8	1° 0	58° 2	52° 6	° 46.0	8				
9	29° 35.0	29° 40.6	29° 27.7	51° 7	2° 4	56° 6	46° 4	° 10.0	29° 85.5	29° 93.1	29° 71.6	56° 6	2° 5	62° 3	51° 5	—	9				
10	29° 20.7	29° 27.7	29° 17.6	52° 1	1° 8	58° 1	46° 6	—	29° 56.3	29° 71.6	29° 52.1	55° 6	1° 8	61° 3	52° 3	° 20.5	10				
11	29° 32.4	29° 38.9	29° 24.7	52° 7	2° 0	59° 0	45° 9	—	29° 48.9	29° 52.1	29° 41.5	53° 7	2° 0	58° 3	51° 5	° 33.0	11				
12	29° 41.6	29° 46.9	29° 36.9	52° 2	2° 2	60° 6	46° 9	—	29° 58.6	29° 77.2	29° 36.4	55° 0	2° 3	58° 3	51° 9	° 12.0	12				
13	29° 56.2	29° 60.6	29° 46.3	50° 8	3° 5	55° 5	47° 5	° 02.5	29° 97.4	30° 14.3	29° 77.2	56° 9	2° 9	63° 3	51° 9	° 16.5	13				
14	29° 78.7	29° 89.1	29° 60.6	50° 4	3° 6	55° 8	45° 3	° 00.5	30° 21.7	30° 26.9	30° 13.9	56° 5	2° 3	63° 4	51° 4	—	14				
15	29° 84.4	29° 87.7	29° 75.9	52° 1	2° 6	57° 0	48° 7	° 07.0	30° 24.0	30° 26.9	30° 19.4	55° 7	2° 1	63° 9	50° 7	—	15				
16	29° 51.9	29° 75.9	29° 32.7	51° 8	0° 7	54° 4	50° 0	° 46.5	30° 07.7	30° 19.4	29° 96.6	54° 5	2° 1	60° 5	51° 0	—	16				
17	29° 42.1	29° 49.1	29° 32.0	50° 3	2° 4	54° 8	45° 8	° 16.0	29° 88.0	29° 97.2	29° 80.0	56° 8	2° 1	61° 4	53° 4	° 14.0	17				
18	29° 42.5	29° 48.9	29° 33.5	52° 2	2° 2	57° 2	46° 2	° 16.0	29° 96.8	30° 01.7	29° 86.6	60° 5	2° 3	68° 1	54° 9	—	18				
19	29° 47.9	29° 53.1	29° 32.5	52° 8	2° 5	58° 2	48° 4	° 22.0	30° 04.0	30° 07.4	30° 00.6	57° 6	3° 7	64° 1	53° 8	—	19				
20	29° 41.6	29° 70.9	29° 22.3	50° 3	1° 4	53° 0	47° 8	° 54.5	29° 95.8	30° 00.4	29° 93.8	55° 6	2° 7	61° 0	50° 7	—	20				
21	29° 85.6	29° 99.5	29° 70.9	52° 0	1° 4	55° 0	49° 2	° 06.0	29° 99.4	30° 04.7	29° 93.2	55° 8	3° 6	61° 1	50° 8	—	21				
22	30° 02.0	30° 04.8	29° 99.4	55° 0	2° 9	60° 1	51° 0	° 00.5	30° 05.4	30° 07.4	30° 03.3	58° 9	2° 2	66° 1	52° 4	—	22				
23	29° 89.0	29° 99.7	29° 78.9	56° 3	4° 0	61° 0	51° 7	—	30° 08.2	30° 09.8	30° 05.4	58° 8	2° 3	64° 2	54° 7	—	23				
24	29° 70.9	29° 78.9	29° 65.6	58° 7	3° 8	62° 6	55° 0	—	30° 04.2	30° 08.0	29° 97.3	59° 4	2° 3	67° 3	54° 2	—	24				
25	29° 65.0	29° 67.2	29° 62.1	60° 0	3° 0	67° 1	53° 9	—	29° 92.5	29° 97.3	29° 85.9	59° 2	2° 1	66° 2	53° 9	—	25				
26	29° 72.6	29° 76.2	29° 67.0	50° 8	1° 5	55° 8	48° 0	° 54.5	29° 79.4	29° 85.9	29° 77.7	58° 1	2° 6	63° 9	52° 2	° 57.5	26				
27	29° 78.9	29° 90.2	29° 72.8	51° 9	3° 5	57° 1	45° 5	—	29° 75.0	29° 78.7	29° 72.6	56° 2	4° 1	62° 2	50° 8	—	27				
28	29° 99.3	30° 04.9	29° 90.1	52° 0	4° 7	58° 8	43° 5	—	29° 69.3	29° 75.0	29° 65.2	53° 2	2° 9	60° 0	49° 0	° 12.0	28				
29	30° 02.4	30° 04.8	29° 96.4	53° 2	3° 1	59° 1	47° 3	—	29° 71.0	29° 80.4	29° 41.6	55° 3	3° 1	62° 2	50° 0	° 23.0	29				
30	29° 94.6	30° 02.2	29° 89.0	54° 5	1° 9	58° 2	50° 0	—	29° 15.9	29° 41.6	29° 07.5	55° 5	3° 0	60° 2	49° 7	° 46.0	30				
31	30° 01.4	30° 03.6	29° 99.2	49° 8	2° 2	52° 4	45° 0	° 03.0													
Maximum fall in one hour } 3 a.m. 20th								° 23.5	Maximum fall in one hour } Midn. 11th								° 15.0				
JULY.											AUGUST.										
1	ins. 29° 36.3	ins. 29° 62.8	ins. 29° 11.4	55° 1	2° 3	59° 1	49° 5	in. 18.0	ins. 29° 70.2	ins. 29° 78.3	ins. 29° 62.7	50° 5	1° 8	64° 0	54° 2	in. 05.0	1				
2	29° 69.0	29° 71.6	29° 62.8	55° 6	2° 7	60° 7	51° 3	—	29° 88.7	30° 00.5	29° 76.6	58° 0	2° 7	63° 3	53° 6	—	2				
3	29° 73.5	29° 77.8	29° 67.4	54° 4	4° 3	59° 6	49° 0	—	30° 04.6	30° 09.3	30° 00.1	59° 3	3° 1	66° 2	53° 2	—	3				
4	29° 59.0	29° 75.6	29° 49.5	52° 0	2° 0	55° 6	47° 8	° 29.0	29° 09.2	30° 11.3	30° 06.7	59° 4	3° 8	67° 0	53° 1	—	4				
5	29° 60.0	29° 73.0	29° 46.7	53° 5	3° 0	57° 4	49° 6	° 02.5	30° 05.0	30° 11.3	30° 00.1	59° 6	4° 2	65° 6	53° 9	—	5				
6	29° 80.9	29° 87.9	29° 72.0	53° 3	3° 6	57° 7	49° 2	° 11.0	29° 98.5	30° 00.5	29° 96.8	61° 0	2° 9	65° 8	57° 6	—	6				
7	29° 66.5	29° 87.3	29° 37.9	53° 7	1° 6	57° 8	47° 5	° 59.5	29° 93.7	29° 96.9	29° 91.9	62° 0	2° 3	68° 3	58° 4	—	7				
8	29° 49.7	29° 62.7	29° 34.3	57° 8	2° 1	64° 4	53° 9	° 15.5	29° 86.4	29° 91.9	29° 81.6	60° 3	3° 6	63° 2	56° 6	—	8				
9	29° 59.3	29° 74.0	29° 52.6	56° 8	1° 3	62° 1	52° 0	° 03.5	29° 71.0	29° 81.4	29° 59.7	60° 4	2° 4	64° 0	55° 1	° 10.20	9				
10	29° 83.3	29° 86.9	29° 74.0	56° 4	3° 4	64° 6	50° 0	° 09.0	29° 49.5	29° 59.9	29° 44.8	61° 3	1° 1	66° 2	59° 7	° 30.0	10				
11	29° 84.0	29° 89.7	29° 79.1	52° 5	3° 4	57° 2	47° 8	° 11.0	29° 62.3	29° 70.2	29° 51.9	61° 1	1° 6	64° 3	59° 0	—	11				
12	29° 77.1	29° 87.6	29° 66.2	54° 9	1° 6	57° 9	49° 9	° 12.0	29° 72.0	29° 74.1	29° 68.3	61° 0	3° 5	64° 3	56° 6	—	12				
13	29° 68.1	29° 71.5	29° 62.6	58° 0	0° 9	63° 3	54° 6	° 02.0	29° 70.3	29° 72.8	29° 68.3	56° 3	3° 6	60° 4	52° 0	° 05.0	13				
14	29° 66.1	29° 69.5	29° 62.4	57° 2	1° 2	60° 2	54° 0	° 38.0	29° 63.9	29° 70.3	29° 50.9	57° 3	2° 4	62° 3	52° 4	° 09.0	14				
15	29° 80.2	29° 91.5	29° 67.9	57° 9	3° 3	65° 3	51° 1	—	29° 51.8	29° 57.9	29° 40.5	59° 4	3° 3	63° 7	54° 6	° 20.5	15				
16	29° 88.6	29° 92.8	29° 82.8	56° 0	1° 8	60° 7	52° 4	° 44.5	29° 66.9	29° 78.6	29° 51.7	57° 4	4° 4	63° 0	53° 1	° 06.5	16				
17	29° 74.4	29° 83.0	29° 70.8	56° 5	1° 2	60° 0	53° 7	° 59.0	29° 75.5	29° 78.6	29° 71.9	58° 4	3° 6	64° 7	51° 5	—	17				
18	29° 74.7	29° 81.3	29° 68.5	55° 9	1° 2	58° 7	52° 1	° 40.0	29° 66.4	29° 71.9	29° 60.7	59° 2	3° 3	65° 0	54° 4	° 05.0	18				
19	29° 85.7	30° 05.2	29° 70.1	57° 7	2° 1	61° 6	54° 5	° 01.0	29° 67.8	29° 76.2	29° 60.2	56° 8	1° 0	58° 6	55° 0	° 16.65	19				
20	30° 13.2	30° 16.3	30° 05.0	58° 2	3° 0	64° 9	52° 6	—	29° 82.7	29° 89.9	29° 75.2	57° 7	3° 1	62° 9	51° 8	° 02.5	20				
21	30° 09.4	30° 14.8	30° 07.5	59° 5	2° 0	64° 0	57° 0	—	29° 91.1	29° 93.4	29° 89.2	58° 7	2° 0	65° 0	55° 7	° 05.0	21				
22	30° 06.2	30° 08.6	30° 03.1	60° 5	2° 2	65° 7	57° 0	—	29° 94.0	30° 01.41											

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., FALMOUTH—cont.

SEPTEMBER 1890.										OCTOBER 1890.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.		
				Dry.	Difference. (Dry—Wet.)									Dry.	Difference. (Dry—Wet.)				
1	ins. 30°136	ins. 30°158	ins. 30°114	54°3	2°8	62°0	46°0	in. .005		1	ins. 29°750	ins. 29°992	ins. 29°628	55°3	2°8	61°0	49°7	in. .120	
2	30°099	30°114	30°086	57°6	2°1	62°0	53°0	—		2	30°183	30°245	29°932	50°3	2°7	57°3	45°1	—	
3	30°129	30°181	30°098	59°5	2°5	65°4	54°7	—		3	30°182	30°241	30°138	52°5	2°4	59°3	43°5	—	
4	30°206	30°245	30°163	59°1	2°7	65°2	56°4	—		4	30°116	30°134	30°103	57°3	0°9	61°5	55°0	°055	
5	30°218	30°243	30°201	60°7	1°8	64°9	56°9	—		5	30°039	30°115	29°970	56°5	0°7	58°1	55°2	°005	
6	30°209	30°227	30°191	63°2	1°8	68°3	57°9	—		6	29°947	29°978	29°930	57°9	1°3	61°5	54°4	°010	
7	30°209	30°226	30°191	60°3	1°6	64°6	57°5	—		7	29°863	29°930	29°819	58°3	0°8	60°2	56°4	°125	
8	30°182	30°213	30°155	59°5	1°8	63°0	56°2	—		8	30°133	30°241	29°906	56°0	2°6	58°3	51°8	—	
9	30°109	30°159	30°049	59°2	1°8	64°2	55°0	—		9	30°215	30°242	30°194	53°1	2°8	58°8	46°9	—	
10	30°024	30°056	30°004	58°8	2°2	66°6	54°2	—		10	30°183	30°207	30°166	51°0	1°6	57°4	45°0	°025	
11	30°085	30°117	30°046	57°4	2°7	63°0	51°3	—		11	30°185	30°202	30°162	50°5	0°7	57°1	43°5	°010	
12	30°075	30°119	30°011	57°6	2°6	63°1	52°3	—		12	30°193	30°214	30°181	52°3	0°5	58°8	42°5	°015	
13	29°968	30°011	29°953	60°1	1°8	64°1	57°1	—		13	30°156	30°191	30°090	52°8	1°0	56°7	47°0	—	
14	29°932	29°970	29°858	59°7	2°3	63°4	57°7	—		14	29°992	30°030	29°890	51°3	1°1	58°1	46°0	—	
15	29°805	29°858	29°787	59°3	1°6	65°1	53°4	—		15	29°691	29°890	29°623	52°8	2°9	57°3	48°0	°150	
16	29°733	29°817	29°660	58°3	1°2	62°4	53°4	°005		16	29°746	29°870	29°649	49°9	5°3	53°0	46°6	°025	
17	29°619	29°660	29°578	57°6	0°9	60°9	52°1	°420		17	29°897	29°947	29°843	53°1	3°2	57°2	48°8	°010	
18	29°688	29°724	29°626	57°4	1°8	62°8	51°0	°010		18	30°009	30°077	29°902	51°4	3°3	54°8	46°8	—	
19	29°530	29°670	29°318	57°9	1°9	62°1	51°5	°225		19	30°105	30°131	30°069	50°9	3°2	55°2	46°8	—	
20	29°259	29°318	29°220	56°6	2°6	59°6	52°8	°420		20	30°118	30°167	30°119	52°2	2°1	55°5	47°9	—	
21	29°360	29°380	29°314	56°0	2°5	61°1	52°3	°050		21	30°157	30°221	30°100	53°3	1°7	55°7	51°4	—	
22	29°514	29°662	29°369	56°2	1°9	63°0	52°6	°060		22	30°309	30°374	30°221	52°7	2°4	56°2	49°8	—	
23	29°824	29°969	29°662	55°6	2°3	59°2	53°0	°130		23	30°331	30°372	30°264	51°9	1°9	57°8	48°7	—	
24	30°062	30°152	29°969	57°4	1°8	61°6	52°8	°015		24	30°093	30°264	29°883	52°5	2°0	55°0	47°7	—	
25	30°280	30°378	30°150	57°8	2°7	61°9	53°8	—		25	29°653	29°883	29°538	53°7	1°4	58°7	47°5	°445	
26	30°369	30°390	30°346	57°3	1°2	61°0	55°1	—		26	29°497	29°718	29°344	43°3	2°5	48°9	38°4	°645	
27	30°273	30°366	30°172	56°7	0°7	65°1	50°7	—		27	29°861	29°947	29°718	43°3	4°2	46°0	37°9	°190	
28	30°074	30°172	30°019	54°9	1°3	62°1	50°0	—		28	29°956	30°006	29°883	46°2	2°7	49°4	41°7	°050	
29	29°954	30°017	29°894	56°1	1°8	58°8	52°4	°010		29	29°832	29°989	29°785	52°5	1°3	56°0	47°2	°260	
30	29°816	29°895	29°705	56°8	1°5	59°4	55°1	°035		30	29°803	29°834	29°750	54°1	1°3	57°1	50°9	°035	
Maximum fall in one hour } 5 p.m. 17th - - - - -										Maximum fall in one hour } 5 a.m. 27th - - - - -									
NOVEMBER.										DECEMBER.									
1	ins. 29°652	ins. 29°750	ins. 29°472	52°0	2°4	53°9	50°1	ins. .060		1	ins. 29°875	ins. 30°106	ins. 29°653	43°5	0°8	45°1	40°3	ins. .330	
2	29°313	29°528	29°198	51°9	3°2	56°3	47°2	°375		2	29°522	29°652	29°509	44°6	0°8	46°0	43°4	°170	
3	29°468	29°580	29°347	49°8	2°2	56°0	45°0	°315		3	29°505	29°591	29°455	43°1	1°4	45°2	40°0	°015	
4	29°186	29°379	29°055	49°1	2°6	53°0	44°7	°535		4	29°554	29°623	29°459	41°5	2°3	44°5	36°3	°035	
5	29°580	29°740	29°225	47°0	3°5	49°3	45°4	°255		5	29°478	29°540	29°407	41°5	1°9	45°6	39°0	°340	
6	29°422	29°740	29°062	48°5	2°2	55°0	42°7	°575		6	29°652	29°771	29°526	41°9	1°1	45°4	38°9	°480	
7	29°407	29°575	29°098	48°5	4°8	51°0	45°7	°040		7	29°765	29°801	29°736	41°5	2°4	42°3	39°0	°050	
8	29°370	29°567	29°149	48°8	1°9	54°9	43°0	°375		8	29°704	29°736	29°670	35°7	2°5	39°2	33°2	—	
9	29°347	29°436	29°260	42°3	2°3	46°7	38°2	°130		9	29°781	29°851	29°709	39°8	1°5	42°2	34°9	°030	
10	29°387	29°506	29°109	43°9	2°0	48°1	39°0	°640		10	29°904	29°942	29°838	46°1	0°7	48°5	41°2	°010	
11	29°366	29°565	29°103	45°4	2°8	50°2	42°3	°075		11	29°844	29°923	29°794	46°4	1°9	47°9	43°5	—	
12	29°619	29°679	29°561	48°0	1°5	53°1	39°6	°320		12	29°859	29°928	29°784	39°5	2°2	44°9	34°3	—	
13	29°712	29°778	29°651	47°2	1°1	49°7	44°6	°090		13	29°768	29°882	29°690	39°7	2°4	42°9	34°5	—	
14	29°738	29°805	29°709	53°6	1°1	56°6	45°8	°065		14	29°771	29°833	29°691	39°0	2°6	42°1	33°1	—	
15	30°008	30°083	29°805	50°7	2°5	52°5	49°4	°515		15	29°567	29°806	29°401	38°9	1°8	45°7	32°0	°115	
16	30°021	30°129	29°941	53°2	0°8	55°9	49°2	°215		16	29°519	29°650	29°399	34°1	1°9	40°9	27°9	°060	
17	30°164	30°210	30°129	52°4	0°9	55°8	49°9	°040		17	29°736	29°787	29°645	31°4	2°1	33°6	29°0	—	
18	30°251	30°290	30°202	53°3	1°2	55°2	51°6	°060		18	29°385	29°753	28°931	39°1	1°9	45°2	31°8	°475	
19	30°331	30°378	30°280	53°0	0°8	55°4	50°9	°005		19	29°165	29°243	28°929	43°2	2°8	46°2	39°9	°470	
20	30°354	30°402	30°270	50°4	0°8	52°0	49°0	°060		20	29°543	29°819	29°221	37°4	0°9	44°8	31°8	°350	
21	30°104	30°268	29°964	50°8	2°2	53°5	46°9	°150		21	30°023	30°140	29°819	37°4	1°1	40°9	32°8	—	
22	30°076	30°174	29°834	49°5	2°5	52°1	47°2	—		22	29°998	30°134	29°798	42°4	1°6	45°0	38°8	—	
23	29°638	29°834	29°387	53°9	1°4	55°8	51°9	°025		23	29°712	29°905	29°623	45°0	0°4	46°2	42°2	°1345	
24	29°496	29°658	29°311	46°7	3°8	54°8	40°0	°275		24	30°069	30°139	29°903	39°5	1°8	42°2	35°0	—	
25	29°620	29°791	29°538	40°3	2°5	44°2	37°1	°125		25	30°083	30°127	30°034	36°1	1°1	41°7	31°2	°040	
26	29°921	29°968	29°791	33°3	3°2	38°0	29°0	—		26	30°093	30°134	30°025	39°0	1°8	41°4	35°2	°295	
27	29°854	29°932	29°804	30°3	2°2	33°7	27°4	—		27	30°016	30°114	29°951	36°2	1°1	38°9	31°4	°175	
28	29°809	29°890	29°767	30°2	2°1														

KEW OBSERVATORY.

HOURLY and DAILY MEANS of PRESSURE for FIVE-DAY PERIODS.

• LAT. 51° 28' N. LONG. 0° 19' W.

Barometer Cistern, 34 feet above Mean Sea Level.

The readings are corrected for temperature, but are not reduced to Mean Sea Level.

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TABLE I.—HOURLY and DAILY MEANS OF PRESSURE for FIVE-DAY PERIODS—continued.

Five-day Periods.	A.M.												Noon.		P.M.					Midt.	Daily Means (Five Days).	Five-day Periods.					
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.				20.	21.	22.	23.	24.
1890. July 30-4	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	July 30-4
" 5-9	29.636	29.639	29.642	29.645	29.648	29.651	29.654	29.657	29.660	29.663	29.666	29.669	29.672	29.675	29.678	29.681	29.684	29.687	29.690	29.693	29.696	29.699	29.702	29.705	29.708	29.711	" 5-9
" 10-14	29.714	29.717	29.720	29.723	29.726	29.729	29.732	29.735	29.738	29.741	29.744	29.747	29.750	29.753	29.756	29.759	29.762	29.765	29.768	29.771	29.774	29.777	29.780	29.783	29.786	29.789	" 10-14
" 15-19	29.796	29.799	29.802	29.805	29.808	29.811	29.814	29.817	29.820	29.823	29.826	29.829	29.832	29.835	29.838	29.841	29.844	29.847	29.850	29.853	29.856	29.859	29.862	29.865	29.868	29.871	" 15-19
" 20-24	29.876	29.879	29.882	29.885	29.888	29.891	29.894	29.897	29.900	29.903	29.906	29.909	29.912	29.915	29.918	29.921	29.924	29.927	29.930	29.933	29.936	29.939	29.942	29.945	29.948	29.951	" 20-24
" 25-29	29.961	29.964	29.967	29.970	29.973	29.976	29.979	29.982	29.985	29.988	29.991	29.994	29.997	30.000	30.003	30.006	30.009	30.012	30.015	30.018	30.021	30.024	30.027	30.030	30.033	30.036	" 25-29
Aug. 30-3	29.951	29.954	29.957	29.960	29.963	29.966	29.969	29.972	29.975	29.978	29.981	29.984	29.987	29.990	29.993	29.996	29.999	30.002	30.005	30.008	30.011	30.014	30.017	30.020	30.023	30.026	Aug. 30-3
" 4-8	30.141	30.144	30.147	30.150	30.153	30.156	30.159	30.162	30.165	30.168	30.171	30.174	30.177	30.180	30.183	30.186	30.189	30.192	30.195	30.198	30.201	30.204	30.207	30.210	30.213	30.216	" 4-8
" 9-13	29.813	29.816	29.819	29.822	29.825	29.828	29.831	29.834	29.837	29.840	29.843	29.846	29.849	29.852	29.855	29.858	29.861	29.864	29.867	29.870	29.873	29.876	29.879	29.882	29.885	29.888	" 9-13
" 14-18	29.762	29.765	29.768	29.771	29.774	29.777	29.780	29.783	29.786	29.789	29.792	29.795	29.798	29.801	29.804	29.807	29.810	29.813	29.816	29.819	29.822	29.825	29.828	29.831	29.834	29.837	" 14-18
" 19-23	29.890	29.893	29.896	29.899	29.902	29.905	29.908	29.911	29.914	29.917	29.920	29.923	29.926	29.929	29.932	29.935	29.938	29.941	29.944	29.947	29.950	29.953	29.956	29.959	29.962	29.965	" 19-23
" 24-28	29.540	29.543	29.546	29.549	29.552	29.555	29.558	29.561	29.564	29.567	29.570	29.573	29.576	29.579	29.582	29.585	29.588	29.591	29.594	29.597	29.600	29.603	29.606	29.609	29.612	29.615	" 24-28
Sept. 29-2	30.098	30.101	30.104	30.107	30.110	30.113	30.116	30.119	30.122	30.125	30.128	30.131	30.134	30.137	30.140	30.143	30.146	30.149	30.152	30.155	30.158	30.161	30.164	30.167	30.170	30.173	Sept. 29-2
" 3-7	30.298	30.301	30.304	30.307	30.310	30.313	30.316	30.319	30.322	30.325	30.328	30.331	30.334	30.337	30.340	30.343	30.346	30.349	30.352	30.355	30.358	30.361	30.364	30.367	30.370	30.373	" 3-7
" 8-12	30.273	30.276	30.279	30.282	30.285	30.288	30.291	30.294	30.297	30.300	30.303	30.306	30.309	30.312	30.315	30.318	30.321	30.324	30.327	30.330	30.333	30.336	30.339	30.342	30.345	30.348	" 8-12
" 13-17	30.098	30.101	30.104	30.107	30.110	30.113	30.116	30.119	30.122	30.125	30.128	30.131	30.134	30.137	30.140	30.143	30.146	30.149	30.152	30.155	30.158	30.161	30.164	30.167	30.170	30.173	" 13-17
" 18-22	29.727	29.730	29.733	29.736	29.739	29.742	29.745	29.748	29.751	29.754	29.757	29.760	29.763	29.766	29.769	29.772	29.775	29.778	29.781	29.784	29.787	29.790	29.793	29.796	29.799	29.802	" 18-22
" 23-27	30.204	30.207	30.210	30.213	30.216	30.219	30.222	30.225	30.228	30.231	30.234	30.237	30.240	30.243	30.246	30.249	30.252	30.255	30.258	30.261	30.264	30.267	30.270	30.273	30.276	30.279	" 23-27
Oct. 28-2	30.039	30.042	30.045	30.048	30.051	30.054	30.057	30.060	30.063	30.066	30.069	30.072	30.075	30.078	30.081	30.084	30.087	30.090	30.093	30.096	30.099	30.102	30.105	30.108	30.111	30.114	Oct. 28-2
" 3-7	30.184	30.187	30.190	30.193	30.196	30.199	30.202	30.205	30.208	30.211	30.214	30.217	30.220	30.223	30.226	30.229	30.232	30.235	30.238	30.241	30.244	30.247	30.250	30.253	30.256	30.259	" 3-7
" 8-12	30.321	30.324	30.327	30.330	30.333	30.336	30.339	30.342	30.345	30.348	30.351	30.354	30.357	30.360	30.363	30.366	30.369	30.372	30.375	30.378	30.381	30.384	30.387	30.390	30.393	30.396	" 8-12
" 13-17	29.984	29.987	29.990	29.993	29.996	29.999	30.002	30.005	30.008	30.011	30.014	30.017	30.020	30.023	30.026	30.029	30.032	30.035	30.038	30.041	30.044	30.047	30.050	30.053	30.056	30.059	" 13-17
" 18-22	30.167	30.170	30.173	30.176	30.179	30.182	30.185	30.188	30.191	30.194	30.197	30.200	30.203	30.206	30.209	30.212	30.215	30.218	30.221	30.224	30.227	30.230	30.233	30.236	30.239	30.242	" 18-22
" 23-27	29.996	29.999	30.002	30.005	30.008	30.011	30.014	30.017	30.020	30.023	30.026	30.029	30.032	30.035	30.038	30.041	30.044	30.047	30.050	30.053	30.056	30.059	30.062	30.065	30.068	30.071	" 23-27
Nov. 28-1	29.860	29.863	29.866	29.869	29.872	29.875	29.878	29.881	29.884	29.887	29.890	29.893	29.896	29.899	29.902	29.905	29.908	29.911	29.914	29.917	29.920	29.923	29.926	29.929	29.932	29.935	Nov. 28-1
" 2-6	29.493	29.496	29.499	29.502	29.505	29.508	29.511	29.514	29.517	29.520	29.523	29.526	29.529	29.532	29.535	29.538	29.541	29.544	29.547	29.550	29.553	29.556	29.559	29.562	29.565	29.568	" 2-6
" 7-11	29.402	29.405	29.408	29.411	29.414	29.417	29.420	29.423	29.426	29.429	29.432	29.435	29.438	29.441	29.444	29.447	29.450	29.453	29.456	29.459	29.462	29.465	29.468	29.471	29.474	29.477	" 7-11
" 12-16	29.951	29.954	29.957	29.960	29.963	29.966	29.969	29.972	29.975	29.978	29.981	29.984	29.987	29.990	29.993	29.996	29.999	30.002	30.005	30.008	30.011	30.014	30.017	30.020	30.023	30.026	" 12-16
" 17-21	30.382	30.385	30.388	30.391	30.394	30.397	30.400	30.403	30.406	30.409	30.412	30.415	30.418	30.421	30.424	30.427	30.430	30.433	30.436	30.439	30.442	30.445	30.448	30.451	30.454	30.457	" 17-21
" 22-26	29.752	29.755	29.758	29.761	29.764	29.767	29.770	29.773	29.776	29.779	29.782	29.785	29.788	29.791	29.794	29.797	29.800	29.803	29.806	29.809	29.812	29.815	29.818	29.821	29.824	29.827	" 22-26
Dec. 27-1	30.142	30.145	30.148	30.151	30.154	30.157	30.160	30.163	30.166	30.169	30.172	30.175	30.178	30.181	30.184	30.187	30.190	30.193	30.196	30.199	30.202	30.205	30.208	30.211	30.214	30.217	Dec. 27-1
" 2-6	29.768	29.771	29.774	29.777	29.780	29.783	29.786	29.789	29.792	29.795	29.798	29.801	29.804	29.807	29.810	29.813	29.816	29.819	29.822	29.825	29.828	29.831	29.834	29.837	29.840	29.843	" 2-6
" 7-11	30.075	30.078	30.081	30.084	30.087	30.090	30.093	30.096	30.099	30.102	30.105	30.108	30.10														

TABLE II.

HOURLY and DAILY MEANS of TEMPERATURE for FIVE-DAY PERIODS.

KEW OBSERVATORY

- - - - - LAT. 51° 28' N. LONG. 0° 19' W.
Dry-bulb Thermometer, 10 feet above Ground.

Five-day Periods.	Midt.	A.M.												Noon.	P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.
		0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.			
1890.																													
Jan. 1-5	35.5	35.4	36.0	36.3	35.6	35.3	35.7	35.8	35.7	35.8	35.7	35.9	36.4	37.5	38.2	38.7	38.8	37.6	36.9	37.0	37.1	36.8	37.5	37.7	39.0	39.0	39.0	37.0	1890. 1-5
" 6-10	40.8	40.7	40.2	40.8	40.4	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
" 11-15	43.3	43.2	43.0	43.3	44.1	44.6	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
" 16-20	46.0	46.2	46.1	45.8	45.5	45.4	45.0	44.1	43.8	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
" 21-25	41.1	40.8	40.3	40.2	40.0	40.4	41.2	42.0	42.0	41.7	42.8	43.7	44.3	45.2	46.2	46.9	47.0	46.0	45.5	44.3	43.8	43.5	43.6	43.5	43.4	43.3	43.1	43.1	43.1
" 26-30	42.0	41.5	41.3	41.2	40.8	40.8	40.5	40.9	40.9	39.7	40.1	42.2	44.3	45.4	45.1	45.8	45.3	43.9	42.7	41.8	41.3	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5
Feb. 31-4	39.3	39.3	39.1	39.6	39.7	39.5	39.5	39.3	39.1	39.3	39.9	40.6	41.7	42.7	43.7	44.2	44.3	43.5	42.5	41.4	40.9	40.6	40.7	39.7	38.9	38.1	38.1	38.1	38.1
" 5-9	36.7	36.8	36.8	36.8	36.7	36.5	36.4	36.4	36.4	36.8	37.4	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
" 10-14	34.0	34.0	33.6	33.1	32.8	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
" 15-19	39.8	39.4	39.0	38.9	38.3	38.1	37.4	36.7	36.7	36.9	38.0	39.6	41.3	43.3	45.1	47.0	47.1	46.8	46.5	45.1	44.1	43.3	42.1	40.7	39.2	38.2	38.2	38.2	38.2
" 20-24	36.5	36.3	36.0	35.9	35.0	34.7	35.1	34.9	34.9	35.0	36.0	37.2	38.7	39.7	40.8	40.7	41.1	40.8	40.5	39.5	38.8	38.5	38.5	38.0	37.6	37.0	37.8	37.8	37.8
" 25-1	35.8	35.4	34.7	34.1	33.3	33.3	33.3	32.3	32.3	33.0	34.4	35.7	37.2	37.2	38.0	38.3	38.4	38.3	37.7	36.9	36.1	36.1	36.0	35.4	35.1	34.5	35.6	35.6	35.6
March 2-6	31.1	31.3	31.0	30.9	30.9	31.0	30.4	30.1	30.1	30.8	33.2	34.9	36.3	37.1	38.3	38.3	38.3	37.7	36.8	35.5	34.5	33.6	33.1	32.5	32.9	33.3	33.8	33.8	33.8
" 7-11	45.0	44.1	43.5	43.4	42.8	42.4	41.8	41.9	41.9	43.3	45.0	46.2	47.2	48.1	49.7	50.0	50.0	48.9	48.3	46.9	45.8	44.6	43.9	43.5	42.9	43.0	43.0	43.0	43.0
" 12-16	43.3	43.1	43.4	43.4	42.8	42.4	41.8	41.9	41.9	43.3	45.0	46.2	47.2	48.1	49.7	50.0	50.0	48.9	48.3	46.9	45.8	44.6	43.9	43.5	42.9	43.0	43.0	43.0	43.0
" 17-21	39.1	38.7	38.3	37.7	37.3	36.9	36.5	36.6	36.6	38.7	41.4	44.1	46.8	49.5	52.4	55.3	58.2	61.1	64.0	66.9	69.8	72.7	75.6	78.5	81.4	84.3	87.2	90.1	93.0
" 22-26	43.6	43.5	43.4	43.3	43.2	43.1	43.0	42.9	42.8	42.7	42.6	42.5	42.4	42.3	42.2	42.1	42.0	41.9	41.8	41.7	41.6	41.5	41.4	41.3	41.2	41.1	41.0	40.9	40.8
" 27-31	46.0	45.2	44.0	43.4	43.0	42.5	42.1	41.4	41.4	42.3	44.2	46.6	49.2	51.0	53.8	56.6	59.4	62.2	65.0	67.8	70.6	73.4	76.2	79.0	81.8	84.6	87.4	90.2	93.0
April 1-5	37.8	37.3	36.6	36.1	35.1	34.7	34.7	34.7	34.7	36.8	39.4	41.9	44.1	46.6	49.0	51.4	53.8	56.2	58.6	61.0	63.4	65.8	68.2	70.6	73.0	75.4	77.8	80.2	82.6
" 6-10	42.5	42.4	42.2	41.7	41.2	41.0	40.7	40.7	40.7	41.8	43.5	44.9	46.4	47.9	49.4	50.9	52.4	53.9	55.4	56.9	58.4	59.9	61.4	62.9	64.4	65.9	67.4	68.9	70.4
" 11-15	39.4	39.2	38.9	38.5	38.4	38.1	38.1	38.5	38.8	42.2	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	62.4	64.4	66.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4
" 16-20	43.7	43.7	43.4	43.0	42.9	42.8	42.7	42.6	42.5	42.4	42.3	42.2	42.1	42.0	41.9	41.8	41.7	41.6	41.5	41.4	41.3	41.2	41.1	41.0	40.9	40.8	40.7	40.6	40.5
" 21-25	46.0	45.6	45.6	45.5	45.4	45.3	45.2	45.1	45.0	44.9	44.8	44.7	44.6	44.5	44.4	44.3	44.2	44.1	44.0	43.9	43.8	43.7	43.6	43.5	43.4	43.3	43.2	43.1	43.0
" 26-30	42.1	41.6	40.8	40.7	39.7	38.9	38.5	38.5	38.5	43.3	47.1	50.4	53.8	57.2	60.6	64.0	67.4	70.8	74.2	77.6	81.0	84.4	87.8	91.2	94.6	98.0	101.4	104.8	108.2
May 1-5	47.5	46.6	45.3	44.5	43.7	44.2	44.2	44.3	44.3	47.9	50.3	52.9	55.0	57.4	59.8	62.2	64.6	67.0	69.4	71.8	74.2	76.6	79.0	81.4	83.8	86.2	88.6	91.0	93.4
" 6-10	47.0	46.6	46.5	46.2	45.2	45.4	45.4	45.4	45.4	49.0	51.6	54.2	56.8	59.4	62.0	64.6	67.2	69.8	72.4	75.0	77.6	80.2	82.8	85.4	88.0	90.6	93.2	95.8	98.4
" 11-15	49.7	48.9	48.5	48.6	48.0	48.6	48.6	48.6	48.6	51.6	54.2	56.8	59.4	62.0	64.6	67.2	69.8	72.4	75.0	77.6	80.2	82.8	85.4	88.0	90.6	93.2	95.8	98.4	101.0
" 16-20	50.9	51.1	50.1	48.9	48.0	48.3	48.3	48.3	48.3	51.3	53.9	56.5	59.1	61.7	64.3	66.9	69.5	72.1	74.7	77.3	79.9	82.5	85.1	87.7	90.3	92.9	95.5	98.1	100.7
" 21-25	52.4	51.1	49.9	49.0	48.4	48.8	48.8	48.8	48.8	51.8	54.4	57.0	59.6	62.2	64.8	67.4	70.0	72.6	75.2	77.8	80.4	83.0	85.6	88.2	90.8	93.4	96.0	98.6	101.2
" 26-30	48.5	48.3	47.7	47.3	46.4	47.1	47.1	47.1	47.1	50.3	52.9	55.5	58.1	60.7	63.3	65.9	68.5	71.1	73.7	76.3	78.9	81.5	84.1	86.7	89.3	91.9	94.5	97.1	99.7
June 31-4	48.5	48.4	48.1	47.8	47.6	48.2	48.2	48.2	48.2	51.6	54.2	56.8	59.4	62.0	64.6	67.2	69.8	72.4	75.0	77.6	80.2	82.8	85.4	88.0	90.6	93.2	95.8	98.4	101.0
" 5-9	51.8	51.6	51.0	50.7	50.6	51.3	51.3	51.3	51.3	54.7	57.3	59.9	62.5	65.1	67.7	70.3	72.9	75.5	78.1	80.7	83.3	85.9	88.5	91.1	93.7	96.3	98.9	101.5	104.1
" 10-14	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	55.8	58.4	61.0	63.6	66.2	68.8	71.4	74.0	76.6	79.2	81.8	84.4	87.0	89.6	92.2	94.8	97.4	100.0	102.6	105.2
" 15-19	54.9	54.3	53.6	53.0	52.6	53.0	53.0	53.0	53.0	56.4	59.0	61.6	64.2	66.8	69.4	72.0	74.6	77.2	79.8	82.4	85.0	87.6	90.2	92.8	95.4	98.0	100.6	103.2	105.8
" 20-24	57.5	56.3	55.1	54.2	53.8	55.1	55.1	55.1	55.1	58.5	61.1	63.7	66.3	68.9	71.5	74.1	76.7	79.3	81.9	84.5	87.1	89.7	92.3	94.9	97.5	100.1	102.7	105.3	107.9
" 25-30	54.8	54.2	53.4	53.0	52.5	53.5	53.5	53.5	53.5	56.9	59.5	62.1	64.7	67.3	69.9	72.5	75.1	77.7	80.3	82.9	85.5	88.1	90.7	93.3	95.9	98.5	101.1	103.7	106.3

TABLE II.—HOURLY and DAILY MEANS OF TEMPERATURE for FIVE-DAY PERIODS—continued

Five-day Periods.	Midt.	A.M.												Noon.	P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.		
		0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.		12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.				24.	
1890.	July	30-4	52.5	52.5	52.5	51.9	51.3	51.4	51.5	52.6	53.9	55.1	56.9	58.1	60.2	62.4	63.0	66.4	66.9	66.9	66.7	66.7	68.9	68.8	68.8	68.8	68.8	52.5	50.4	July 30-4	
"	"	5-9	52.4	52.0	51.7	51.4	51.0	51.5	51.5	52.6	54.2	55.5	56.3	56.3	57.3	58.3	58.7	59.5	60.3	60.5	60.5	60.3	60.7	60.9	60.8	60.8	60.8	53.0	55.7	" 5-9	
"	"	10-14	53.8	53.1	52.6	51.9	51.5	52.1	53.0	54.4	56.4	56.4	56.4	57.3	58.3	60.8	62.3	62.8	62.6	61.3	60.7	60.0	58.6	57.6	56.7	55.8	54.8	57.3	57.3	" 10-14	
"	"	15-19	58.7	58.1	57.6	57.3	57.1	57.5	57.8	58.6	59.6	60.6	61.5	62.9	64.6	65.5	66.1	66.7	67.8	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	56.9	61.4	" 15-19	
"	"	20-24	57.1	56.3	55.4	54.9	54.5	55.0	56.6	58.1	59.1	60.3	62.0	63.0	64.9	66.2	67.5	68.0	68.7	68.9	68.7	67.9	67.2	65.8	61.8	60.4	59.2	61.8	61.8	" 20-24	
"	"	25-29	56.7	55.9	55.5	55.2	55.1	55.2	56.5	58.2	59.1	60.3	61.8	62.3	64.5	65.4	67.1	67.6	67.4	66.9	66.8	66.4	64.1	61.6	59.6	58.2	57.2	60.9	60.9	" 25-29	
Aug.	Aug.	30-3	58.7	58.4	57.8	57.8	57.7	57.4	58.3	58.3	60.0	61.3	63.0	64.3	65.3	66.5	67.5	68.2	68.3	67.2	67.4	67.7	65.1	62.8	61.0	60.2	59.8	62.3	62.3	Aug. 30-3	
"	"	4-8	58.2	57.5	56.3	55.5	54.5	54.9	55.7	57.7	58.7	59.5	60.8	61.6	63.4	65.8	66.7	68.5	69.3	70.4	69.9	68.6	67.5	64.0	62.0	60.5	59.7	58.3	62.3	" 4-8	
"	"	9-13	58.3	58.9	58.8	58.7	58.5	58.7	58.8	59.8	60.8	62.1	62.4	63.3	64.2	65.4	66.9	67.1	66.9	66.5	65.1	63.7	61.2	60.5	59.4	58.7	58.3	62.1	62.1	" 9-13	
"	"	14-18	54.7	54.5	54.5	54.4	54.4	54.4	54.9	56.9	58.5	59.8	60.8	62.5	63.7	64.3	64.9	65.2	65.8	66.0	65.5	64.0	61.7	59.4	58.3	57.1	55.9	55.0	59.5	59.5	" 14-18
"	"	19-23	57.2	57.4	57.1	56.7	56.0	56.1	56.1	57.0	58.2	59.6	60.7	61.4	61.9	63.4	63.7	63.4	63.5	62.8	61.5	59.8	58.3	57.4	57.0	56.5	56.0	59.1	59.1	" 19-23	
"	"	24-28	51.2	51.0	50.2	49.3	48.1	47.5	48.0	50.9	53.2	55.4	57.5	59.0	59.7	60.5	62.5	62.6	59.0	57.6	57.1	55.1	53.8	53.3	52.5	51.9	51.2	54.2	54.2	" 24-28	
Sept.	Sept.	29-3	47.9	47.0	46.5	45.8	45.3	44.4	44.3	46.1	49.1	52.7	55.8	57.8	58.8	60.0	60.3	60.5	59.8	59.3	57.8	55.8	53.7	52.1	50.4	49.5	48.6	52.4	52.4	Sept. 29-3	
"	"	3-7	57.3	56.4	55.2	54.3	53.2	53.5	54.0	55.1	56.8	59.4	62.1	64.0	65.9	67.8	68.5	69.1	68.5	69.1	68.6	66.6	64.4	61.9	60.4	58.9	57.3	56.3	60.6	60.6	" 3-7
"	"	8-12	53.8	53.5	51.5	50.5	49.7	48.7	48.6	50.3	54.4	59.1	64.0	68.5	73.0	76.0	78.8	80.9	82.2	83.7	84.4	82.4	80.0	77.8	75.1	72.6	70.1	68.3	58.5	58.5	" 8-12
"	"	13-17	53.5	53.2	51.6	50.5	49.4	48.7	48.6	50.3	54.4	59.1	64.0	68.5	73.0	76.0	78.8	80.9	82.2	83.7	84.4	82.4	80.0	77.8	75.1	72.6	70.1	68.3	58.5	58.5	" 13-17
"	"	18-22	56.6	56.4	56.4	56.3	55.6	55.3	55.8	56.6	58.6	61.0	63.8	66.1	68.8	71.4	73.8	76.4	78.1	79.8	80.4	78.1	75.9	73.0	70.2	67.2	64.2	61.2	59.0	59.0	" 18-22
"	"	23-27	54.1	53.5	53.7	53.8	53.9	53.7	54.0	55.4	58.4	61.7	65.3	68.6	71.6	73.7	76.1	78.6	80.4	82.2	83.7	84.4	82.4	80.0	77.8	75.1	72.6	70.1	58.2	58.2	" 23-27
Oct.	Oct.	28-3	55.9	56.0	55.1	54.4	53.8	53.6	53.9	53.3	54.6	56.4	58.1	59.3	60.4	61.9	62.7	63.4	63.0	60.7	58.0	56.1	54.9	53.9	53.4	53.6	53.0	56.7	56.7	Oct. 28-3	
"	"	3-7	55.0	55.0	53.7	53.3	52.2	51.4	51.3	52.3	53.1	54.6	57.2	59.3	60.9	61.3	62.4	63.0	63.5	62.3	61.2	59.8	58.7	58.0	57.8	57.2	56.8	55.8	57.2	57.2	" 3-7
"	"	8-12	44.5	44.4	43.5	42.2	41.2	40.6	39.9	38.9	39.2	40.3	43.5	46.9	50.3	53.6	56.3	58.1	60.1	60.1	57.3	55.1	52.8	50.6	48.7	47.1	45.4	47.6	47.6	" 8-12	
"	"	13-17	42.7	41.7	41.1	40.6	40.0	39.5	38.9	38.3	38.3	40.3	43.1	44.9	46.4	49.4	51.8	54.5	57.2	59.8	62.4	65.0	67.6	69.7	71.4	73.1	46.9	46.9	" 13-17		
"	"	18-22	44.8	44.7	44.7	45.1	45.5	45.8	45.4	45.1	45.7	46.6	47.8	49.2	50.0	51.0	50.8	50.8	50.0	48.1	46.9	46.6	45.9	45.2	44.3	44.2	43.8	46.7	46.7	" 18-22	
"	"	23-27	44.8	45.2	44.9	45.1	44.7	44.3	44.3	44.3	45.1	47.0	48.2	48.6	48.9	48.8	48.0	48.5	47.5	46.6	44.8	44.5	43.9	43.6	42.9	42.7	42.5	45.6	45.6	" 23-27	
Nov.	Nov.	28-1	42.0	42.3	42.6	43.4	43.6	43.9	44.2	44.2	44.8	46.1	47.9	50.2	51.2	52.5	53.0	52.3	51.3	49.3	47.4	47.0	45.7	45.3	44.9	44.2	44.3	46.5	46.5	Nov. 28-1	
"	"	2-6	44.5	44.4	44.3	44.5	44.5	44.1	43.8	43.3	43.2	44.5	46.1	47.9	48.7	49.8	50.2	49.5	48.2	46.7	45.1	44.1	43.8	44.7	45.2	46.0	45.9	45.8	45.8	" 2-6	
"	"	7-11	43.7	43.7	43.0	42.2	41.3	41.1	40.9	40.5	40.2	41.2	42.7	45.0	46.6	47.7	47.3	46.8	45.3	43.7	42.2	41.1	40.7	40.5	40.2	40.8	41.0	42.7	42.7	" 7-11	
"	"	12-16	44.3	44.0	44.3	44.4	44.0	44.0	43.4	43.4	43.7	43.4	44.8	47.7	49.5	50.6	50.7	50.8	50.0	49.6	49.3	49.1	48.9	48.6	48.0	47.9	47.2	46.8	46.8	" 12-16	
"	"	17-21	50.2	50.0	49.9	49.9	49.7	49.3	49.2	49.1	49.2	49.5	49.5	50.4	51.6	52.1	53.7	53.7	53.2	51.4	50.0	51.0	50.5	50.4	49.7	49.2	50.7	50.7	" 17-21		
"	"	22-26	43.5	43.9	42.4	42.7	42.4	42.6	42.0	41.6	41.3	42.4	43.5	44.4	44.3	44.6	44.9	45.1	44.3	43.6	43.1	42.6	41.9	41.4	41.1	40.6	39.9	42.8	42.8	" 22-26	
Dec.	Dec.	27-1	25.9	26.0	26.7	26.6	26.1	26.8	26.4	27.0	26.5	27.6	28.6	30.1	31.0	32.4	32.4	31.9	31.3	30.9	30.4	30.4	30.5	28.8	27.6	26.9	26.0	28.6	28.6	Dec. 27-1	
"	"	2-6	35.7	35.9	36.0	36.2	36.4	36.8	37.0	37.4	37.4	37.7	37.9	38.3	38.3	38.6	38.6	38.6	38.2	38.0	37.8	37.4	37.3	37.3	37.2	37.1	36.9	37.4	37.4	" 2-6	
"	"	7-11	32.6	32.4	32.1	31.9	31.5	31.7	31.5	31.8	31.2	31.3	31.0	32.6	32.8	33.1	33.6	33.6	33.2	33.3	33.3	33.5	33.3	33.1	32.7	32.6	31.8	32.5	32.5	" 7-11	
"	"	12-16	25.3	24.6	24.5	24.8	23.6	24.2	24.0	24.5	24.6	24.6	24.3	24.7	24.8	25.2	25.3	25.6	26.5	26.5	26.5	26.3	26.3	25.8	25.0	24.6	23.9	25.1	25.1	" 12-16	
"	"	17-21	28.7	28.1	27.5	27.2	28.2	28.6	28.2	27.7	27.9	28.3	28.0	29.8	30.5	30.8	31.0	31.0	30.6	30.6	30.6	30.9	30.6	30.2	29.4	28.6	27.9	29.3	29.3	" 17-21	
"	"	22-26	24.8	24.8	24.5	24.4	24.2	24.0	24.2	24.2	25.2	25.8	26.0	27.6	28.0	28.5	28.3	28.4	27.5	26.9	26.0	25.7	25.0	24.6	24.1	23.6	23.9	26.0	26.0	" 22-26	
"	"	27-31	29.0	29.0	28.7	28.8	28.2	28.6	28.6	28.8	28.7	28.1	28.5	28.9	29.5	29.6	29.5	29.6	29.5	29.4	29.4	29.3	29.1	29.1	29.1	29.0	29.1	29.0	29.0	" 27-31	

TABLE III.

HOURLY and DAILY MEAN DIFFERENCE between the DRY and WET-BULB THERMOMETERS for FIVE-DAY PERIODS.
 KEW OBSERVATORY - - - - LAT. 51° 28' N LONG. 0° 19' W.

Five-day Periods.	A.M.												Noon.		P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.				
1890. 1-5 Jan.	0.8	0.8	0.9	0.9	0.9	0.9	1.0	0.7	0.7	0.6	0.6	0.6	0.8	0.9	1.1	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	1890. 1-5 Jan.	
" 6-10 "	1.3	1.6	1.5	1.7	1.7	1.6	1.6	1.7	1.6	1.6	2.0	2.2	2.6	2.8	3.1	3.0	2.3	2.1	1.9	1.9	1.7	1.4	1.4	1.4	1.2	1.8	0.9	" 6-10 "	
" 11-15 "	1.5	1.5	1.4	1.7	1.5	1.5	1.5	1.4	1.3	1.3	1.7	2.4	2.3	2.3	2.3	2.2	1.9	1.7	1.9	1.5	1.4	1.5	1.1	1.3	1.1	1.6	1.6	" 11-15 "	
" 16-20 "	1.1	1.5	1.9	1.7	1.8	1.9	2.0	1.8	2.2	2.2	2.3	2.9	3.2	3.6	4.0	3.3	3.1	2.8	2.0	1.7	1.6	1.5	1.5	1.4	1.2	2.1	2.1	" 16-20 "	
" 21-25 "	1.7	1.5	1.3	1.2	1.1	1.1	1.2	1.4	1.4	2.2	2.4	2.9	3.2	3.4	3.5	3.1	2.7	2.4	2.3	2.4	2.3	2.3	2.3	2.1	2.1	2.1	2.1	" 21-25 "	
" 26-30 "	2.1	1.7	1.8	1.8	1.6	1.6	1.4	1.9	2.0	1.9	2.4	3.1	3.7	3.8	4.2	4.2	3.6	3.3	2.7	2.1	2.0	1.8	1.7	1.5	1.5	2.4	2.4	" 26-30 "	
Feb. 31-4	0.6	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.7	0.8	1.0	1.2	1.8	2.2	2.2	2.1	1.6	1.3	1.1	1.3	1.5	1.4	1.0	0.9	1.1	1.1	Feb. 31-4	
" 5-9 "	1.8	1.9	1.8	1.8	1.7	1.7	1.7	2.2	2.3	2.4	2.3	2.6	2.5	3.0	3.2	3.2	3.7	3.3	2.7	2.4	2.3	2.2	2.0	1.8	1.7	2.4	2.4	" 5-9 "	
" 10-14 "	1.6	1.6	1.4	1.4	1.4	1.5	1.5	1.3	1.3	1.4	1.6	2.3	3.1	3.8	4.0	3.9	3.2	2.4	2.0	1.7	1.4	1.2	1.3	1.3	1.4	1.9	1.9	" 10-14 "	
" 15-19 "	1.6	1.4	1.5	1.4	1.4	1.5	1.5	1.3	1.3	1.4	1.8	2.0	2.5	2.5	2.8	2.9	2.5	2.0	1.8	1.7	1.6	1.6	1.7	1.7	1.7	1.7	1.7	" 15-19 "	
" 20-24 "	1.4	1.3	1.2	1.1	1.2	1.2	1.0	1.1	1.1	1.4	1.6	2.1	2.4	2.6	2.2	2.3	2.2	2.2	1.7	1.5	1.4	1.3	1.5	1.8	1.5	1.6	1.6	" 20-24 "	
" 25-1 "	2.3	2.5	2.4	2.0	2.0	2.0	1.6	1.4	1.6	1.8	2.4	2.7	2.7	3.0	3.0	2.6	2.6	2.2	2.1	2.2	2.5	2.6	2.3	2.5	2.2	2.3	2.3	" 25-1 "	
March 2-6	1.8	1.7	1.7	1.7	1.7	2.0	1.7	1.6	1.9	2.4	3.0	4.0	4.7	5.4	5.5	5.2	4.9	4.4	3.5	2.8	2.5	2.5	2.3	2.2	2.2	3.0	3.0	March 2-6	
" 7-11 "	2.3	2.5	2.6	2.6	2.6	2.4	2.4	2.0	2.2	2.7	3.1	3.1	3.6	4.4	4.9	4.7	4.4	4.4	3.7	3.5	3.2	3.4	2.8	2.4	1.9	3.1	3.1	" 7-11 "	
" 12-16 "	1.6	1.6	1.5	1.7	1.5	1.6	1.6	1.5	1.7	2.4	3.3	4.2	4.8	4.8	5.0	4.8	4.9	4.1	3.0	2.3	2.0	1.9	1.6	1.6	1.6	2.6	2.6	" 12-16 "	
" 17-21 "	1.5	1.3	1.0	0.9	0.9	1.0	0.9	0.8	1.2	2.2	2.6	3.5	4.0	4.9	5.8	5.6	5.6	5.2	4.3	3.7	3.1	2.3	2.1	1.6	1.5	2.8	2.8	" 17-21 "	
" 22-26 "	1.8	1.5	1.0	0.9	0.7	0.7	0.8	0.7	1.1	1.6	2.0	2.7	3.6	4.0	4.7	5.0	5.1	4.8	3.7	3.1	2.8	2.5	2.1	2.0	1.8	2.5	2.5	" 22-26 "	
" 27-31 "	1.5	1.1	0.9	0.9	0.8	0.7	0.7	1.0	1.8	2.4	3.0	4.1	4.2	4.5	4.3	4.6	5.0	4.7	4.3	2.9	2.2	2.1	2.0	2.1	1.8	2.5	2.5	" 27-31 "	
April 1-5	2.1	1.9	1.7	1.8	1.3	1.2	1.1	1.4	2.4	3.5	4.5	5.3	6.1	7.0	7.8	7.8	8.0	7.7	5.9	4.1	2.7	2.9	2.4	2.4	1.8	3.8	3.8	April 1-5	
" 6-10 "	2.8	2.8	2.9	2.7	2.7	2.5	2.1	2.5	3.2	3.7	4.5	4.8	5.0	5.7	6.3	5.0	5.6	5.6	4.4	3.0	2.9	2.6	2.5	2.6	2.8	3.7	3.7	" 6-10 "	
" 11-15 "	1.9	1.7	1.8	1.9	1.8	1.9	1.7	2.1	3.1	4.3	5.6	6.5	7.3	7.9	8.1	7.7	7.4	6.5	5.2	4.3	3.3	3.0	2.2	1.9	1.6	4.1	4.1	" 11-15 "	
" 16-20 "	1.6	1.7	1.6	1.4	1.6	1.7	1.7	1.9	2.1	2.3	2.8	2.9	3.4	4.1	4.1	3.6	3.9	4.0	3.5	3.0	2.4	2.3	2.0	1.8	1.7	2.6	2.6	" 16-20 "	
" 21-25 "	1.3	1.2	1.0	1.0	0.9	0.9	1.2	1.6	1.9	2.5	3.4	4.4	4.6	5.0	5.1	5.8	4.9	5.5	5.0	4.0	3.1	2.7	2.1	1.7	1.6	2.9	2.9	" 21-25 "	
" 26-30 "	1.7	1.5	1.2	1.3	1.0	0.9	0.9	1.7	3.3	4.8	6.2	6.7	7.3	6.6	7.5	7.7	7.9	7.0	5.9	4.9	4.0	3.3	2.5	2.3	2.0	4.0	4.0	" 26-30 "	
May 1-5	2.5	2.5	2.1	1.8	1.5	1.6	1.7	2.4	3.3	4.2	5.2	6.3	6.4	7.5	8.6	8.5	8.4	8.2	7.6	6.0	4.5	3.8	2.8	2.5	2.5	4.5	4.5	May 1-5	
" 6-10 "	2.8	2.8	2.7	2.7	2.6	2.6	2.8	3.3	3.7	4.6	5.7	6.8	7.3	8.2	9.4	9.4	9.1	8.6	7.6	6.2	4.8	3.5	2.8	2.3	1.7	4.5	4.5	" 6-10 "	
" 11-15 "	2.0	1.4	1.3	1.3	1.1	1.2	1.6	2.5	3.3	4.3	4.9	5.8	6.6	6.5	6.4	6.5	7.7	7.6	6.6	5.6	4.4	3.6	2.5	2.1	1.6	4.0	4.0	" 11-15 "	
" 16-20 "	1.1	1.4	1.4	1.9	1.3	1.6	2.0	3.0	4.2	4.8	5.0	5.4	6.8	7.0	6.7	6.6	6.7	6.7	6.3	5.8	3.8	2.7	2.1	1.8	1.3	3.9	3.9	" 16-20 "	
" 21-25 "	3.3	2.9	2.8	2.3	2.0	2.5	3.5	5.1	6.6	7.9	9.2	10.3	11.1	11.1	11.3	10.8	11.1	10.0	9.0	7.5	6.7	5.3	5.1	4.3	3.8	6.2	6.2	" 21-25 "	
" 26-30 "	2.8	2.7	2.3	2.3	2.0	2.0	2.4	3.0	3.8	4.6	5.7	6.8	7.5	7.4	8.1	8.5	8.6	8.8	8.6	7.4	6.1	5.0	4.5	3.5	3.0	5.1	5.1	" 26-30 "	
June 31-4	2.6	2.6	2.5	2.4	2.3	2.5	2.9	3.8	4.4	4.6	4.8	6.0	6.6	6.6	7.5	7.1	7.0	7.0	6.6	6.3	5.3	4.3	3.0	2.5	1.1	4.5	4.5	June 31-4	
" 5-9 "	1.9	1.7	1.3	1.3	1.2	1.3	1.6	2.1	2.8	3.7	5.2	5.6	6.0	6.7	6.8	7.0	7.2	6.3	5.6	5.0	3.9	3.3	2.8	2.2	1.9	3.7	3.7	" 5-9 "	
" 10-14 "	1.6	1.4	1.2	1.4	1.4	1.4	2.0	3.0	3.5	3.9	5.0	5.4	5.5	5.2	4.4	4.2	4.3	4.3	3.7	3.6	2.5	1.9	2.0	1.9	1.9	3.1	3.1	" 10-14 "	
" 15-19 "	2.0	1.7	1.3	1.1	1.0	1.0	1.4	2.5	3.0	3.5	4.8	5.3	5.9	7.2	8.4	8.1	7.8	7.2	6.4	4.7	3.4	3.0	2.5	2.0	1.9	3.8	3.8	" 15-19 "	
" 20-24 "	1.6	1.4	1.1	0.9	0.7	1.3	1.4	2.3	3.4	4.2	5.0	5.7	6.0	7.3	7.7	7.4	8.5	7.2	7.0	5.3	3.7	2.8	2.4	2.0	1.5	3.9	3.9	" 20-24 "	
" 25-29 "	1.8	1.7	1.4	1.2	1.1	1.5	1.7	1.9	2.9	3.9	5.4	5.5	4.8	5.9	6.2	7.3	6.6	6.7	6.5	5.5	4.2	3.2	2.1	2.5	1.9	3.7	3.7	" 25-29 "	

TABLE III.—HOURLY and DAILY MEAN DIFFERENCE between the DRY and WET-BULB THERMOMETERS for FIVE-DAY PERIODS—continued.

Five-day Periods.	Midt.	A.M.												Noon.	P.M.												Midt.	Daily Means (Five Days).	Five-day Periods.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.		13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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TABLE IV.—MEAN HOURLY and DAILY WIND
KEW OBSERVATORY

Five-day Periods.	A.M.																						Noon	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1890.																								
Jan. 1-5	-3'8	+2'2	-3'0	+2'9	-5'2	+2'4	-5'7	+2'2	-6'3	+1'6	-6'7	+1'8	-7'6	+1'4	-9'0	+2'1	-9'2	+2'3	-9'5	+0'4	-9'8	+0'9	-9'0	+0'2
" 6-10	-10'5	-9'3	-11'3	-9'3	-11'3	-9'9	-11'2	-9'4	-10'6	-8'3	-10'3	-7'8	-10'3	-6'2	-7'7	-5'8	-10'7	-4'2	-11'7	-4'1	-12'9	-5'2	-13'6	-9'4
" 11-15	-2'0	-6'4	-2'7	-9'5	-4'7	-6'2	-4'9	-6'1	-5'1	-7'0	-5'9	-8'1	-4'5	-8'1	-6'7	-5'7	-4'5	-5'8	-3'0	-5'2	-3'0	-7'7	-6'0	-7'4
" 16-20	-12'8	-7'1	-14'0	-5'6	-12'1	-6'5	-13'8	-6'5	-14'9	-7'2	-12'5	-9'8	-11'3	-8'2	-12'6	-7'9	-12'7	-7'4	-11'8	-9'8	-12'7	-11'1	-14'2	-9'9
" 21-25	-13'4	-5'9	-12'5	-3'3	-11'5	-1'8	-10'8	-4'4	-10'9	-4'4	-12'5	-5'9	-14'1	-10'9	-13'7	-12'7	-13'5	-15'5	-13'3	-15'9	-13'8	-17'6	-14'6	-17'6
" 26-30	-4'0	-9'1	-1'2	-8'6	-2'4	-9'5	-3'0	-6'8	-2'8	-6'7	-0'1	-5'8	0'0	-7'1	+3'0	-6'8	-0'1	-5'2	-3'1	-10'4	-1'7	-13'6	0'0	-14'4
Feb. 31-4	-1'4	-0'3	-1'4	-0'3	-0'7	-1'8	0'0	-1'4	+0'4	-1'9	0'0	0'0	0'0	0'0	+1'2	-0'8	-0'8	-1'2	+0'9	-1'4	0'0	-2'0	-0'6	-2'2
" 5-9	+6'3	+4'2	+7'6	+4'4	+8'4	+4'7	+9'2	+5'5	+6'6	+4'7	+6'9	+6'4	+6'8	+9'0	+6'5	+10'6	+6'9	+11'0	+7'0	+13'9	+9'2	+13'7	+10'4	+16'6
" 10-14	+1'6	+9'9	+1'4	+10'2	+2'0	+8'4	+2'8	+7'5	+3'0	+8'3	+2'3	+7'5	+1'6	+6'5	+2'0	+5'7	+2'1	+6'7	+2'7	+7'3	+1'6	+8'4	+0'1	+10'7
" 15-19	-1'3	+8'9	-3'2	+10'4	+0'1	+12'9	-0'7	+13'9	+0'4	+13'9	+1'2	+13'6	+2'1	+12'7	+2'7	+13'7	+4'1	+14'6	+2'0	+13'2	+2'4	+12'3	+0'5	+12'5
" 20-24	+3'2	+4'7	+3'4	+5'5	+3'4	+4'7	+2'3	+3'8	+3'3	+4'8	+3'0	+4'8	+2'0	+3'7	+1'8	+3'8	+3'5	+3'5	+3'7	+4'4	+6'9	+5'3	+6'5	+0'9
" 25-1	+11'6	+4'3	+10'3	+3'5	+8'9	+1'7	+9'6	-0'8	+8'5	+1'9	+9'4	+0'3	+9'7	+0'2	+8'4	-1'2	+9'5	+0'5	+12'2	+1'4	+9'8	+1'1	+9'8	+1'2
March 2-6	+4'9	-1'9	+5'6	-1'8	+5'4	-0'9	+5'6	-1'0	+6'7	-1'9	+7'1	-0'5	+6'8	-0'9	+6'0	-1'8	+4'9	-2'8	+10'9	-1'5	+12'3	-0'3	+11'1	-3'4
" 7-11	-6'0	-11'6	-4'6	-13'9	-6'2	-11'5	-5'6	-11'5	-7'8	-12'3	-7'8	-12'8	-7'3	-12'3	-8'1	-12'6	-6'0	-15'0	-6'1	-15'3	-4'6	-14'6	-3'9	-16'0
" 12-16	-6'4	-1'7	-6'2	-1'4	-6'0	-1'7	-4'7	-1'8	-4'2	+0'8	-5'4	+0'1	-6'1	+0'2	-5'5	+0'6	-9'7	-1'3	-9'4	-1'9	-12'2	-4'3	-11'4	-5'2
" 17-21	+3'3	-6'1	+4'9	-6'2	+2'4	-6'3	+5'1	-4'8	+2'6	-5'5	+2'6	-5'8	+2'6	-5'5	+1'1	-7'1	+2'7	-5'6	+3'0	-5'5	+2'2	-4'1	+6'0	-4'8
" 22-26	-3'5	-6'1	-5'9	-5'7	-3'9	-3'9	-3'4	-3'3	-2'9	-2'4	-4'6	-2'8	-6'8	-4'7	-10'6	-5'1	-10'0	-7'0	-11'6	-7'9	-9'8	-7'2	-6'6	-6'6
" 27-31	-3'8	-1'2	-3'9	-1'6	-4'1	-1'7	-4'7	-2'0	-6'7	-1'9	-6'5	-3'6	-6'7	-3'7	-5'1	-3'4	-2'0	-2'9	-2'9	-1'9	-3'9	-3'2	-2'9	-3'5
April 1-5	+1'5	+3'6	+1'8	+4'1	+2'2	+5'1	+2'5	+2'4	+1'5	+1'0	+1'8	+1'2	+5'0	+4'7	+5'0	+8'1	+7'7	+7'1	+6'4	+8'9	+8'4	+11'1	+7'9	+12'2
" 6-10	+2'2	-6'5	+2'4	-6'1	+2'1	-6'4	+3'5	-4'9	+1'7	-5'5	+0'1	-7'5	+1'4	-6'5	+1'8	-9'9	+4'0	-9'8	+5'7	-9'3	+9'7	-9'2	+6'0	-8'4
" 11-15	+2'6	+5'0	+2'3	+5'2	+3'7	+6'3	+2'5	+6'4	+4'1	+6'8	+2'2	+6'8	+3'0	+7'2	+4'1	+11'5	+8'1	+12'6	+5'8	+12'4	+4'1	+10'9	+4'7	+12'8
" 16-20	+10'3	+6'7	+9'4	+6'4	+8'9	+4'4	+8'6	+5'5	+10'3	+4'7	+8'7	+4'9	+10'2	+5'7	+9'0	+5'1	+7'9	+6'5	+8'6	+7'6	+10'1	+6'6	+8'7	+7'2
" 21-25	-3'8	-3'8	-5'1	-4'7	-4'2	-2'7	-4'4	-2'1	-4'4	-1'5	-5'5	-5'6	-7'6	-7'6	-4'4	-4'1	-3'2	-4'7	-2'7	-6'2	-1'6	-9'5	-2'5	-12'0
" 26-30	+0'1	-0'1	-0'8	-1'2	-0'8	-1'2	0'0	0'0	+1'1	+0'5	+0'7	-1'0	-0'2	-0'3	+0'9	+0'6	+0'5	+1'1	-0'2	+2'8	-2'2	+1'8	-0'5	-0'1
May 1-5	+2'4	+5'6	+3'0	+4'3	+2'9	+4'4	+1'4	+5'6	+2'5	+4'6	+2'6	+5'4	+2'8	+5'7	+1'5	+7'8	-0'4	+6'7	-0'8	+8'7	-2'5	+7'8	-3'3	+7'9
" 6-10	+0'9	+1'8	+0'4	+1'1	+0'6	+1'1	+0'9	+1'7	+0'6	+1'1	0'0	+1'2	+1'1	+2'0	+2'1	+3'1	+2'1	+3'0	-0'6	+2'2	-0'5	+3'2	-0'3	+4'2
" 11-15	-0'4	-0'9	+0'4	-0'5	-0'2	-3'1	+0'5	-1'6	-0'1	-4'9	+1'3	-5'8	-0'5	-6'7	-0'2	-8'4	-2'2	-8'3	-3'0	-8'4	-5'5	-7'0	-1'0	-8'9
" 16-20	-5'5	+1'7	-6'4	0'0	-7'2	+1'2	-5'8	-0'8	-6'1	+1'9	-8'2	+1'9	-10'0	+1'9	-11'7	-1'5	-11'4	+2'6	-12'8	-0'9	-13'2	-0'8	-15'0	+2'2
" 21-25	+0'8	+4'3	+2'3	+4'3	+3'7	+3'9	+2'6	+4'2	+1'7	+3'6	+2'7	+4'9	+2'5	+5'5	+1'4	+7'9	+2'6	+8'9	+3'7	+12'8	+4'7	+14'8	+3'3	+13'3
" 26-30	+3'5	+0'3	+2'3	-0'6	+3'7	-1'6	+2'0	-1'3	+1'6	-1'1	+4'9	-0'5	+6'2	-1'2	+9'7	+0'6	+10'6	-1'2	+5'8	-1'0	+8'2	-1'1	+7'4	-2'7
June 31-4	-2'1	-4'5	-3'2	-4'8	-3'4	-5'7	-4'8	-4'2	-3'4	-5'8	-4'0	-6'0	-1'9	-7'9	-2'4	-6'8	-1'6	-8'3	-2'4	-8'5	-3'6	-9'9	-4'2	-8'7
" 5-9	-3'5	-3'1	-3'5	-3'1	-4'9	-4'3	-3'7	-3'8	-2'5	-3'2	-3'1	-3'2	-3'3	-4'8	-4'7	-5'6	-5'4	-3'4	-6'1	-6'6	-8'6	-6'1	-7'6	-6'7
" 10-14	-0'5	-0'4	+2'6	+1'3	+1'5	-0'2	+1'2	-0'6	+3'2	-0'3	-1'5	-1'4	+2'0	+0'1	+1'0	-0'1	+0'5	-2'4	-1'5	-0'4	+2'7	-1'8	+0'3	-0'2
" 15-19	-2'2	-3'4	-2'2	-4'3	-2'1	-2'3	-1'2	-2'2	-3'4	-3'2	-2'4	-5'9	-1'3	-5'2	-0'2	-5'3	-1'1	-6'4	-1'7	-6'8	0'0	-7'5	-2'1	-8'4
" 20-24	-1'0	-3'9	-1'0	-3'9	-1'1	-2'9	-1'0	-2'7	-1'1	-4'3	-1'5	-3'2	-1'9	-5'3	-1'3	-5'4	-2'1	-5'8	-1'0	-6'2	-1'6	-6'1	-3'0	-5'4
" 25-29	-2'7	-4'3	-2'5	-4'8	-1'5	-3'7	-1'9	-5'1	-3'8	-5'5	-4'9	-6'2	-3'7	-6'9	-4'4	-8'4	-4'2	-7'8	-3'8	-8'4	-5'4	-9'8	-4'7	-9'3

COMPONENTS for FIVE-DAY PERIODS.

LAT. 51° 28' N. LONG. 0° 19' W.

P.M.																							Midl.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		N.	E.	
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
- 9'8	- 0'6	- 9'4	- 0'3	- 8'4	+ 0'9	- 8'6	+ 0'7	- 6'9	+ 0'3	- 8'6	+ 1'3	- 8'1	- 0'2	- 7'0	- 0'3	- 7'7	- 1'1	- 7'2	- 0'4	- 8'2	+ 0'5	- 6'5	+ 1'0	- 7'5	+ 0'9	
-16'4	- 9'4	-14'3	- 9'3	-13'7	- 8'4	-14'9	- 7'7	-14'8	- 7'6	-16'3	- 8'9	-16'3	- 7'8	-13'5	-10'9	-12'6	- 9'8	-13'1	- 9'7	-10'3	- 8'2	-10'1	- 8'4	-12'5	- 8'1	
- 7'6	- 7'2	-10'6	- 7'3	- 8'0	- 8'2	- 7'6	- 7'9	- 9'3	- 7'6	- 7'6	- 7'2	- 5'8	- 5'7	- 6'7	- 7'3	- 5'8	- 7'2	- 4'8	- 7'8	- 5'9	- 7'8	- 5'1	- 6'6	- 5'7	- 7'1	
-14'5	-11'9	-13'9	-11'1	-13'6	- 9'6	-13'4	- 7'0	-13'7	- 6'2	-12'5	- 6'8	-14'7	- 6'1	-15'2	- 6'6	-13'9	- 5'2	-14'9	- 6'6	-15'7	- 5'7	-14'1	- 5'6	-13'6	- 7'7	
-12'3	-17'1	-12'6	-18'0	-10'9	-18'3	-10'5	-16'4	- 8'1	-14'0	-10'4	-11'8	- 8'2	-11'2	-11'0	- 7'7	-13'7	- 8'8	-12'1	- 7'1	-13'3	- 6'3	-13'8	- 7'8	-12'1	-10'9	
+ 2'7	-12'3	+ 0'6	-14'7	+ 3'2	-10'7	0'0	-10'2	- 1'3	- 8'4	- 1'1	- 7'6	- 2'4	- 5'8	- 2'0	- 7'1	- 1'5	- 5'5	- 1'6	- 6'0	- 0'3	- 6'1	- 2'2	- 6'8	- 0'9	- 8'5	
- 0'3	- 2'3	+ 2'7	- 2'1	+ 0'6	- 0'8	+ 0'3	- 1'3	0'0	- 0'8	- 2'4	0'0	- 1'4	- 0'5	- 1'0	0'0	- 0'4	- 0'2	- 2'4	0'0	- 2'4	- 0'5	- 1'6	- 0'3	- 0'4	- 1'0	
+ 8'9	+16'7	+ 7'6	+16'8	+ 8'8	+14'9	+10'1	+14'9	+10'5	+14'2	+10'1	+12'2	+ 8'9	+ 9'8	+ 8'2	+ 9'2	+ 8'3	+10'1	+ 8'1	+ 9'0	+ 8'0	+ 7'7	+ 7'6	+ 6'8	+ 8'2	+10'4	
+ 0'4	+11'0	- 1'2	+11'7	+ 0'6	+13'2	+ 2'3	+12'2	+ 0'9	+12'3	- 0'2	+11'7	+ 0'8	+10'3	- 0'4	+10'8	- 0'4	+ 9'4	+ 1'4	+ 7'9	+ 0'9	+ 8'7	+ 0'5	+10'5	+ 1'2	+ 9'5	
- 0'4	+11'6	- 0'2	+11'5	- 1'6	+12'4	- 2'6	+ 9'1	+ 0'4	+ 9'2	+ 0'9	+ 8'0	- 0'4	+ 9'3	+ 1'1	+10'0	- 0'4	+10'3	- 2'0	+ 7'7	- 2'2	+10'5	- 3'0	+10'4	0'0	+11'4	
+ 7'1	+ 6'2	+ 7'9	+ 5'0	+ 7'4	+ 3'3	+ 6'8	+ 4'1	+ 5'4	+ 5'3	+ 3'1	+ 4'5	+ 4'0	+ 3'2	+ 4'8	+ 3'1	+ 5'5	+ 3'8	+ 6'0	+ 4'6	+ 6'7	+ 5'2	+ 4'9	+ 4'3	+ 4'7	+ 4'5	
+ 9'7	- 0'9	+10'1	- 0'4	+12'4	- 0'7	+12'6	+ 0'4	+10'2	+ 0'8	+11'0	+ 4'3	+10'1	+ 4'6	+13'3	+ 3'2	+14'0	+ 5'0	+12'1	+ 4'3	+12'3	+ 5'4	+12'3	+ 2'3	+10'7	+ 1'8	
+ 9'0	- 1'5	+ 7'3	+ 0'2	+ 8'7	- 2'8	+ 7'2	- 4'1	+ 6'1	- 4'1	+ 6'2	- 2'9	+ 2'3	- 2'7	+ 2'7	- 3'7	+ 2'4	- 4'4	+ 1'8	- 3'8	+ 1'3	- 5'6	+ 1'5	- 6'6	+ 6'2	- 2'5	
- 3'7	-17'9	- 4'3	-17'2	- 3'9	-18'3	- 3'6	-17'8	- 6'3	-15'5	- 5'2	-13'9	- 5'6	-10'9	- 4'4	-11'9	- 4'1	-11'0	- 6'9	-11'4	- 7'0	-11'1	- 7'7	-11'5	- 5'7	-13'7	
-12'6	- 5'5	-10'3	- 6'3	-10'9	- 5'1	-10'8	- 4'9	-11'2	- 2'7	- 9'6	- 1'8	- 8'3	- 0'4	- 9'7	- 0'8	- 8'3	- 1'2	- 6'0	- 0'3	- 2'7	- 1'0	- 5'4	- 2'0	- 8'0	- 2'1	
+ 4'1	- 3'2	+ 3'6	- 4'5	+ 3'6	- 2'5	+ 3'2	- 3'4	+ 4'6	- 3'4	+ 2'6	+ 0'4	+ 3'6	- 2'7	+ 3'0	- 0'7	+ 3'8	- 3'1	+ 4'2	- 2'2	+ 3'7	- 3'5	+ 4'0	- 4'2	+ 3'4	- 4'2	
- 9'5	-10'3	-10'4	- 9'9	- 9'9	- 9'2	- 9'3	- 9'3	- 9'0	- 8'7	- 8'7	- 9'7	- 8'8	-10'4	- 7'4	- 8'7	- 6'1	- 8'6	- 5'5	- 7'2	- 4'8	- 9'0	- 6'4	- 7'7	- 7'6	- 7'1	
- 2'5	- 5'2	- 3'3	- 2'0	- 1'9	- 2'8	- 1'4	- 2'8	- 0'9	- 1'2	- 0'6	- 1'9	- 1'2	- 1'0	- 1'1	+ 1'3	- 1'3	+ 0'1	- 0'9	+ 0'2	+ 0'6	+ 1'2	+ 1'6	+ 0'3	- 2'8	- 1'9	
+ 8'6	+10'7	+ 9'0	+ 9'9	+ 8'0	+10'6	+ 7'6	+ 9'4	+ 5'5	+10'4	+ 2'5	+10'4	- 0'1	+ 9'3	+ 1'5	+ 6'9	+ 5'1	+ 5'9	+ 3'0	+ 4'4	+ 2'3	+ 4'6	+ 2'5	+ 2'4	+ 4'5	+ 6'9	
+ 7'5	- 8'9	+ 7'8	- 8'8	+ 4'2	- 7'3	+ 8'3	- 7'5	+ 8'0	- 8'0	+ 6'6	- 4'0	+ 3'8	- 2'8	+ 2'8	- 5'3	+ 2'2	- 2'7	+ 0'9	- 3'8	+ 2'1	- 5'7	+ 3'9	- 4'5	+ 4'1	- 6'6	
+ 3'3	+12'4	+ 5'5	+14'9	+ 6'6	+12'9	+ 6'1	+14'8	+ 5'5	+14'6	+ 5'2	+13'9	+ 6'2	+11'9	+ 4'2	+11'0	+ 3'9	+12'6	+ 4'3	+10'2	+ 4'5	+ 8'0	+ 3'9	+ 7'3	+ 4'4	+10'4	
+ 8'6	+ 5'7	+ 9'1	+ 5'6	+ 7'5	+ 5'4	+ 6'0	+ 3'2	+ 7'2	+ 4'8	+ 6'2	+ 3'7	+ 8'6	+ 3'8	+ 8'2	+ 4'8	+ 8'5	+ 4'9	+ 7'7	+ 5'5	+ 8'3	+ 4'5	+ 7'5	+ 4'1	+ 8'5	+ 5'3	
+ 0'1	-13'5	+ 1'8	-12'7	+ 0'3	-13'2	- 1'2	-11'2	- 1'5	-11'3	- 3'7	- 9'4	- 4'6	- 8'0	- 4'1	- 5'8	- 3'1	- 9'0	- 4'0	- 6'9	- 3'7	- 7'5	- 4'7	- 5'4	- 3'2	- 7'4	
- 0'3	+ 3'1	+ 0'3	+ 4'2	- 0'7	+ 4'1	+ 0'9	+ 3'2	- 2'5	+ 3'6	- 2'7	+ 4'1	- 3'2	+ 3'7	- 2'3	+ 2'1	- 0'5	+ 1'9	- 0'5	+ 1'3	- 0'3	+ 1'4	+ 0'4	+ 2'2	- 0'5	+ 1'5	
- 4'7	+ 9'3	- 5'1	+ 7'1	- 2'7	+ 7'4	- 2'2	+ 8'6	- 4'3	+ 6'7	- 3'8	+ 7'5	- 2'8	+ 7'7	- 1'7	+ 9'0	+ 0'3	+ 7'7	+ 2'0	+ 6'2	+ 1'5	+ 4'7	+ 1'5	+ 3'4	- 0'3	+ 6'7	
- 0'5	+ 7'0	- 4'2	+ 1'4	- 0'1	+ 1'4	- 2'8	+ 1'4	+ 0'1	+ 1'3	- 0'2	+ 2'5	+ 0'8	+ 1'5	+ 0'8	+ 1'9	+ 1'7	+ 3'1	+ 1'6	+ 3'5	+ 0'6	+ 4'7	+ 1'5	+ 4'2	+ 0'3	+ 2'5	
- 4'6	- 8'5	- 3'6	- 5'2	- 3'4	- 7'3	- 2'6	- 8'9	- 5'4	- 7'1	- 5'3	- 5'0	- 3'9	- 3'3	- 3'0	- 2'8	- 2'5	- 4'3	- 2'6	- 3'2	- 1'2	- 3'0	- 1'1	- 2'6	- 2'1	- 5'2	
-13'2	+ 2'8	-13'3	+ 0'7	-11'9	+ 1'3	-12'0	+ 0'3	- 8'8	+ 0'1	- 7'0	+ 2'2	- 4'6	+ 2'5	- 2'9	+ 1'2	- 4'2	+ 2'1	- 3'2	+ 2'7	- 2'7	+ 4'1	- 3'8	+ 3'6	- 8'3	+ 1'5	
+ 3'3	+12'1	+ 3'3	+11'0	- 2'1	+16'4	+ 4'3	+14'7	+ 1'9	+15'8	+ 0'6	+15'1	+ 2'7	+12'6	+ 5'8	+ 8'3	+ 6'5	+ 8'8	+ 7'4	+ 7'1	+ 6'1	+ 7'7	+ 5'3	+ 5'0	+ 3'2	+ 9'3	
+10'0	- 2'4	+ 9'0	- 0'8	+ 9'0	- 3'0	+ 9'7	- 4'1	+ 9'9	- 3'0	+ 9'9	- 2'6	+ 7'9	- 3'0	+ 5'5	- 3'1	+ 4'4	- 2'4	+ 3'5	- 2'6	+ 1'3	- 1'3	+ 2'4	- 1'9	+ 6'2	- 1'7	
- 4'0	- 9'2	- 4'7	- 8'9	- 3'8	- 8'2	- 4'1	- 8'0	- 5'5	- 8'1	- 6'0	- 8'3	- 3'7	- 8'5	- 3'2	- 5'6	- 4'0	- 3'8	- 5'3	- 4'4	- 3'8	- 3'9	- 5'1	- 4'5	- 3'5	- 6'8	
- 7'3	- 8'6	- 5'5	-10'1	- 4'9	- 7'5	- 6'6	- 6'9	- 2'8	- 6'9	- 3'9	- 5'2	- 4'6	- 4'7	- 2'6	- 3'7	- 2'2	- 3'0	- 1'9	- 2'4	- 2'9	- 2'7	- 3'4	- 3'2	- 4'4	- 5'0	
+ 0'7	+ 0'4	- 0'2	- 2'1	- 0'2	- 2'4	- 0'6	- 2'2	+ 2'6	+ 1'3	- 0'3	- 1'4	- 0'2	- 2'2	+ 1'0	- 1'2	- 0'4	- 1'8	- 0'2	- 0'7	+ 1'4	- 0'8	+ 0'9	- 0'9	+ 0'7	- 0'9	
- 3'5	- 9'1	- 2'1	- 9'0	- 5'0	- 7'2	- 5'4	- 8'2	- 4'7	- 5'5	- 6'2	- 7'9	- 6'8	- 5'5	- 6'7	- 5'6	- 4'4	- 6'8	- 4'6	- 6'5	- 4'8	- 6'4	- 3'3	- 5'1	- 3'2	- 6'1	
- 0'4	- 4'4	- 0'7	- 6'1	- 0'5	- 6'2	- 0'9	- 8'4	- 0'6	- 6'2	- 4'0	- 5'3	- 3'0	- 5'9	- 2'0	- 2'7	- 3'0	- 3'8	- 2'5	- 3'6	- 0'8	- 2'4	0'0	- 1'4	- 1'7	- 4'7	
- 2'1	- 8'4	- 5'7	- 8'5	- 5'7	- 7'5	- 6'2	- 8'3	- 8'3	- 9'0	- 8'0	- 6'8	- 6'7	- 6'4	- 6'0	- 4'6	- 3'9	- 5'8	- 5'4	- 5'7	- 5'0	- 5'1	- 4'6	- 3'7	- 4'7	- 6'7	

TABLE IV.—MEAN HOURLY and DAILY WIND

Five-day Periods.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
1890.																								
July 30-4	-1'4	-4'1	-2'3	-2'6	-1'0	-3'2	-3'8	-2'1	-4'4	-2'1	-2'3	-2'4	-2'4	-2'4	-1'2	-2'3	-3'4	-3'0	-2'1	-3'4	-3'6	-5'7	-2'0	-4'9
" 5-9	-0'5	-0'7	-0'5	-0'7	-0'3	-2'4	+0'3	-4'1	+0'4	-3'2	-0'2	-3'8	+1'0	-5'1	+0'7	-5'3	+0'4	-5'6	-0'8	-6'0	-1'8	-5'5	-2'7	-7'0
" 10-14	-1'9	-2'8	-2'1	-3'3	-4'5	-3'6	-3'7	-3'0	-4'9	-3'3	-4'9	-3'9	-2'8	-4'3	-3'2	-5'2	-2'9	-7'2	-4'6	-8'5	-4'2	-8'6	-3'1	-6'8
" 15-19	-1'2	-1'8	-1'0	-1'1	-1'1	-2'3	-3'0	-3'4	-2'1	-3'6	-1'6	-3'9	+1'8	-3'7	+1'8	-3'0	+5'4	-3'8	+4'7	-4'3	+5'7	-4'6	+4'6	-5'2
" 20-24	-1'8	-3'9	-1'8	-3'3	-1'3	-4'4	-2'7	-4'0	-1'9	-4'9	-1'5	-5'5	+0'9	-8'0	+3'6	-6'1	+4'7	-8'8	+5'2	-6'1	+1'2	-11'1	+1'3	-10'7
" 25-29	-4'2	-4'1	-4'2	-3'8	-4'0	-5'1	-5'5	-3'0	-5'6	-4'8	-5'5	-5'8	-6'1	-7'5	-5'4	-7'4	-7'0	-7'3	-2'2	-8'0	-2'7	-0'2	-4'7	-8'9
Aug. 30-3	-3'9	-3'1	-5'2	-5'1	-4'9	-3'1	-5'7	-4'6	-4'2	-3'0	-4'6	-2'9	-7'5	-3'8	-8'2	-5'0	-7'2	-4'3	-6'4	-5'4	-8'3	-7'2	-6'6	-8'0
" 4-8	+0'9	+1'3	+0'1	+0'2	+1'0	+1'5	+0'9	+1'3	+1'8	+2'7	+1'4	+2'2	+2'5	+3'1	+2'9	+3'3	+3'5	+3'2	+3'7	+2'0	+4'0	+1'5	+1'4	+3'1
" 9-13	+0'1	+0'8	-0'2	+0'9	-0'3	+0'4	-0'4	+0'6	-0'5	+1'4	-1'4	+0'7	-0'7	+0'5	+0'3	-1'2	-1'3	-3'1	+0'5	-1'6	-1'5	-4'2	-0'8	-4'2
" 14-18	-6'4	-4'0	-6'3	-3'2	-7'0	-4'8	-7'4	-3'8	-7'8	-5'2	-8'7	-4'2	-9'9	-5'1	-10'7	-6'6	-10'4	-9'0	-8'6	-10'4	-10'9	-12'0	-8'0	-12'2
" 19-23	-3'4	-2'4	-2'8	-2'0	-3'8	-2'9	-2'9	-3'1	-3'1	-3'8	-3'6	-3'7	-3'5	-5'8	-3'6	-6'1	-2'2	-7'0	-1'7	-6'8	+0'3	-7'7	-0'2	-7'1
" 24-28	-2'7	-7'3	-3'9	-7'1	-2'2	-6'3	-3'6	-4'6	-2'9	-4'3	-2'7	-4'0	-3'8	-5'7	-3'1	-7'3	-4'5	-7'7	-3'6	-8'2	-3'8	-9'7	-5'6	-8'6
Sept. 29-2	-1'2	-0'2	-0'1	-0'8	-0'1	-0'7	-0'3	-0'7	-1'2	-0'2	0'0	0'0	-0'4	-1'4	-0'1	-1'1	+3'3	-2'4	+6'1	-1'3	+4'1	-5'1	+2'2	-2'7
" 3-7	-1'0	-2'6	0'0	0'0	0'0	0'0	-0'8	-1'2	-0'4	-1'3	+0'9	+0'3	-0'3	-1'6	+0'3	-1'3	-0'3	-1'2	-0'8	-2'4	-0'4	-4'3	+0'6	-5'1
" 8-12	0'0	0'0	0'0	0'0	0'0	0'0	0'0	0'0	0'0	0'0	0'0	0'0	0'0	0'0	0'0	0'0	-1'1	-3'0	+0'4	-2'0	-1'7	-2'7	-1'2	-2'9
" 13-17	-1'2	+2'6	-1'0	+2'3	0'0	0'0	0'0	0'0	0'0	0'0	0'0	0'0	-1'0	+0'7	-2'3	+3'2	-3'8	+5'7	-2'9	+7'3	-3'9	+10'7	-7'8	+7'8
" 18-22	-5'2	+2'2	-7'0	+2'1	-6'1	+1'8	-5'7	+2'1	-4'2	+1'0	-4'7	0'0	-5'2	+0'4	-10'9	+1'8	-17'2	+0'9	-18'6	+0'8	-20'6	+2'6	-19'0	-1'3
" 23-27	-0'2	-3'3	-1'0	-5'0	-3'1	-5'5	-3'1	-5'5	-3'1	-5'6	-2'1	-2'7	-2'1	-4'5	-3'5	-6'4	-4'7	-7'4	-4'2	-7'5	-5'6	-7'4	-3'8	-5'3
Oct. 28-2	-5'8	-7'3	-4'8	-6'8	-4'3	-6'3	-5'7	-7'1	-4'9	-6'3	-6'9	-4'5	-6'8	-5'6	-8'2	-6'9	-9'4	-7'9	-7'8	-9'0	-12'1	-8'8	-10'8	-9'4
" 3-7	-6'2	-7'5	-6'3	-7'3	-6'5	-6'9	-5'9	-6'5	-5'9	-6'4	-5'9	-6'4	-6'8	-6'7	-7'1	-6'8	-7'1	-8'7	-6'6	-12'5	-7'3	-13'0	-5'6	-13'3
" 8-12	+2'4	+1'0	+2'0	+0'8	+1'5	+0'6	+1'3	+0'5	+1'8	+0'8	+1'1	+0'5	+2'0	+0'8	+2'0	+0'8	+2'4	+1'0	+2'7	+1'8	-0'3	+1'2	-0'4	-0'4
" 13-17	-0'5	-4'4	-0'9	-4'4	-2'2	-4'9	-2'4	-5'9	-1'7	-5'8	-2'5	-5'6	-3'5	-5'8	-4'3	-6'6	-2'7	-8'6	-0'9	-10'4	-2'1	-10'3	-1'7	-10'3
" 18-22	+3'7	-3'3	+3'4	-4'3	+3'4	-4'3	+6'3	-5'8	+6'5	-4'2	+5'0	-3'9	+5'7	-5'1	+4'4	-4'2	+5'7	-4'7	+5'0	-2'4	+6'9	-4'4	+5'5	-3'5
" 23-27	-1'4	-6'6	-1'8	-6'6	-1'4	-6'6	-1'3	-5'3	-1'3	-6'1	-1'4	-6'3	-1'3	-6'2	-0'8	-6'0	-0'7	-7'3	+1'2	-9'9	+1'3	-11'8	+1'7	-11'0
Nov. 28-1	-1'4	-2'8	+0'2	-3'8	-2'5	-3'9	-0'3	-4'5	-1'4	-4'2	-2'5	-3'6	-2'1	-3'3	-1'7	-2'5	-2'9	-2'7	-1'4	-4'1	-0'2	-8'5	-0'5	-8'2
" 2-6	-0'1	-7'3	-1'2	-5'3	-1'7	-6'4	-3'4	-4'7	-3'9	-4'0	-4'6	-4'5	-6'2	-5'9	-4'9	-5'9	-2'7	-8'5	-1'0	-8'3	-1'9	-9'5	-0'7	-7'5
" 7-11	-7'2	-2'7	-6'7	-4'1	-5'9	-5'8	-4'2	-7'3	-2'5	-7'4	-2'4	-6'2	-5'2	-6'1	-5'5	-5'0	-5'5	-5'9	-5'2	-9'2	-6'1	-13'3	-4'5	-11'6
" 12-16	-5'7	-0'3	-6'4	-0'2	-6'0	-0'8	-5'2	-0'3	-4'1	-0'3	-2'5	-0'9	+0'6	-1'2	+1'3	+0'2	+1'9	+1'0	+1'7	+1'3	-0'9	+0'6	-1'9	-0'6
" 17-21	-2'1	-2'7	-1'9	-3'8	-2'2	-4'6	-3'7	-4'7	-4'2	-6'6	-4'0	-5'2	-4'9	-3'0	-4'1	-4'4	-4'8	-4'6	-5'7	-5'9	-4'7	-6'8	-4'2	-6'8
" 22-26	-1'7	-7'4	-2'1	-8'4	+2'4	-9'3	+1'0	-10'5	+2'1	-12'4	+2'8	-11'4	+3'6	-11'6	+0'1	-8'1	+0'5	-9'3	+1'6	-9'6	+6'2	-10'9	+7'4	-7'0
Dec. 27-1	+2'7	+0'8	+2'2	+1'0	+4'1	+0'5	+4'5	+0'6	+5'6	+1'0	+6'4	+0'9	+6'6	+1'0	+7'4	+1'0	+5'5	+1'0	+5'6	0'0	+5'3	+0'6	+6'6	-0'3
" 2-6	+4'8	+8'5	+4'8	+8'1	+4'1	+9'6	+7'8	+7'7	+7'1	+8'9	+7'5	+9'2	+7'6	+7'8	+6'5	+10'2	+6'3	+11'2	+7'4	+10'4	+6'8	+12'7	+6'0	+12'9
" 7-11	+1'1	+3'5	+1'7	+2'5	+2'4	+2'9	+3'8	+3'6	+2'5	+2'9	+2'6	+3'0	+1'9	+4'0	+0'9	+4'2	+0'8	+4'0	+2'1	+4'9	+3'5	+6'0	+2'6	+5'6
" 12-16	+0'4	+2'0	+1'4	+4'0	+0'7	+3'7	+0'2	+3'4	0'0	+1'4	+0'4	+1'8	+1'1	+1'7	+2'1	+2'1	+1'5	+3'5	+1'5	+3'5	+1'1	+2'8	+0'4	+2'2
" 17-21	+2'6	+6'5	+2'9	+7'4	+3'3	+6'7	+3'3	+5'1	+4'4	+3'4	+5'4	+5'8	+7'0	+3'0	+6'6	+6'7	+6'6	+5'8	+6'1	+4'8	+7'0	+4'2	+6'8	+3'4
" 22-26	0'0	0'0	0'0	+1'4	0'0	0'0	0'0	+1'2	0'0	0'0	0'0	0'0	0'0	0'0	0'0	+1'2	0'0	+2'0	0'0	0'0	+1'3	+1'3	+1'0	+1'5
" 27-31	+3'9	+8'7	+5'5	+7'6	+7'4	+7'0	+5'9	+12'4	+5'9	+13'2	+6'5	+11'3	+8'0	+10'9	+8'5	+10'1	+9'2	+12'0	+10'9	+10'7	+11'0	+11'0	+12'7	+10'6

COMPONENTS for FIVE-DAY PERIODS—continued.

P.M.																							Midt.		Daily Means (Five Days).	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
- 3'4	- 5'7	- 3'0	- 5'2	- 2'6	- 4'2	- 5'8	- 7'6	- 4'3	- 5'9	- 3'1	- 6'2	- 1'9	- 4'9	- 3'3	- 3'8	- 0'2	- 2'6	+ 1'1	- 1'9	+ 1'3	- 2'4	+ 3'9	- 1'5	- 2'1	- 3'8	
- 2'1	- 6'4	- 0'4	- 8'5	- 0'6	- 8'5	0'0	- 8'1	- 0'1	- 8'1	- 0'7	- 6'0	- 1'9	- 5'5	- 0'9	- 3'6	- 2'8	- 3'3	- 2'4	- 4'7	- 1'1	- 1'1	- 1'4	- 3'2	- 0'8	- 4'9	
- 4'0	- 8'4	- 2'1	- 6'1	- 2'9	- 4'2	- 4'3	- 5'8	- 3'5	- 4'5	- 5'6	- 3'4	- 5'6	- 4'2	- 4'9	- 2'5	- 5'1	- 3'3	- 2'5	- 0'9	- 4'6	- 3'1	- 4'0	- 2'2	- 3'8	- 4'5	
+ 3'7	- 4'9	+ 4'2	- 4'4	+ 3'2	- 3'5	+ 3'0	- 2'9	+ 2'6	- 3'4	+ 1'5	- 2'2	- 1'2	- 3'9	- 0'4	- 2'9	- 2'2	- 0'8	- 3'4	- 2'5	- 0'4	- 2'9	- 0'4	- 1'2	+ 1'0	- 3'2	
+ 1'2	- 11'3	+ 2'6	- 11'0	+ 2'5	- 10'2	+ 4'1	- 6'5	+ 4'4	- 8'1	+ 3'7	- 6'6	+ 1'5	- 6'3	+ 1'3	- 5'2	+ 1'1	- 5'4	+ 0'7	- 4'9	- 0'5	- 4'2	- 1'9	- 3'0	+ 1'1	- 6'7	
- 4'0	- 9'4	- 4'8	- 5'3	- 7'6	- 8'8	- 7'0	- 6'9	- 6'8	- 6'8	- 7'8	- 6'4	- 8'4	- 6'7	- 6'9	- 6'4	- 5'1	- 4'9	- 3'9	- 3'9	- 5'4	- 4'8	- 5'0	- 4'3	- 5'4	- 6'4	
- 7'3	- 8'7	- 9'6	- 8'8	- 4'9	- 10'1	- 6'8	- 8'5	- 8'6	- 7'2	- 7'4	- 7'3	- 6'5	- 6'0	- 6'3	- 4'3	- 5'7	- 4'3	- 5'0	- 3'9	- 4'4	- 4'2	- 3'2	- 4'9	- 6'2	- 5'6	
+ 1'7	- 0'1	+ 2'3	+ 2'7	+ 0'9	+ 2'7	+ 2'0	+ 2'9	+ 1'9	+ 1'9	- 0'5	+ 2'6	+ 0'5	+ 3'2	+ 1'7	+ 3'0	+ 1'7	+ 3'2	+ 2'4	+ 4'0	+ 4'0	+ 5'1	+ 3'9	+ 4'5	+ 1'9	+ 2'5	
- 3'3	- 3'1	- 5'1	- 5'6	- 4'1	- 6'4	- 3'8	- 7'2	- 4'0	- 4'3	- 2'1	- 2'4	- 2'9	- 0'9	- 2'0	- 2'7	- 2'2	- 3'2	- 1'2	- 1'7	- 1'7	- 0'5	- 1'5	- 0'2	- 1'7	- 2'0	
- 10'2	- 10'8	- 7'8	- 12'3	- 7'7	- 10'2	- 4'4	- 8'4	- 5'5	- 7'0	- 8'4	- 5'4	- 6'0	- 4'5	- 5'0	- 3'6	- 5'5	- 4'1	- 4'2	- 2'4	- 4'5	- 2'9	- 4'4	- 2'4	- 7'3	- 6'4	
- 3'5	- 6'7	- 0'8	- 7'9	- 0'7	- 6'6	- 0'9	- 6'6	- 2'0	- 6'7	- 1'1	- 4'8	- 1'6	- 3'8	- 3'1	- 1'9	- 3'3	- 2'4	- 3'3	- 4'3	- 3'7	- 3'8	- 4'6	- 4'4	- 2'5	- 4'9	
- 5'6	- 6'9	- 4'9	- 3'8	- 1'9	- 4'7	- 4'5	- 5'0	- 6'8	- 5'1	- 6'0	- 4'3	- 5'4	- 6'4	- 3'7	- 4'7	- 7'4	- 3'9	- 6'1	- 4'0	- 5'8	- 4'2	- 5'7	- 3'7	- 4'4	- 5'7	
+ 1'8	- 3'8	+ 3'0	- 4'2	+ 1'7	- 4'5	+ 2'4	- 4'4	+ 0'8	- 3'7	+ 0'9	- 3'2	- 1'7	- 2'4	- 1'6	- 4'3	- 2'6	- 1'4	- 2'2	- 1'4	- 0'9	- 1'3	- 0'8	- 1'2	+ 0'6	- 2'0	
- 0'3	- 2'5	+ 1'2	- 2'6	+ 3'3	- 2'4	+ 2'7	- 2'4	+ 0'4	- 2'1	- 0'8	+ 0'4	+ 0'4	+ 0'8	+ 0'6	+ 1'8	0'0	+ 0'6	+ 0'5	- 0'2	- 0'3	- 1'4	- 0'3	- 1'6	+ 0'2	- 1'3	
- 1'2	- 2'7	- 0'8	- 3'2	+ 2'0	- 0'9	+ 2'0	- 2'1	+ 1'1	- 2'3	+ 0'1	- 0'2	+ 1'1	- 0'9	+ 3'0	- 1'6	+ 2'5	- 1'3	+ 2'3	- 1'2	0'0	0'0	0'0	0'0	+ 0'3	- 1'2	
- 8'1	+ 8'8	- 7'5	+ 8'2	- 8'1	+ 8'5	- 6'0	+ 10'1	- 4'9	+ 7'3	- 2'4	+ 4'7	- 4'4	+ 6'6	- 4'0	+ 5'8	- 3'6	+ 4'7	- 2'7	+ 3'7	- 1'1	+ 3'1	- 0'8	+ 2'6	- 3'2	+ 4'8	
- 20'5	- 2'0	- 20'3	- 1'7	- 19'4	- 1'0	- 16'5	+ 0'1	- 11'2	+ 1'3	- 10'2	+ 0'6	- 6'5	- 1'2	- 3'5	- 0'2	- 5'0	+ 1'6	- 6'3	+ 1'7	- 7'2	+ 1'6	- 4'9	+ 1'5	- 10'7	+ 0'7	
- 4'0	- 7'9	- 1'0	- 7'8	- 2'7	- 8'7	- 2'7	- 8'2	- 3'9	- 5'8	- 2'9	- 4'3	- 2'6	- 4'0	- 3'3	- 5'0	- 1'6	- 2'7	- 2'2	- 5'6	- 2'0	- 5'5	- 1'1	- 4'7	- 2'8	- 5'7	
- 10'3	- 10'0	- 11'2	- 9'8	- 8'6	- 9'7	- 6'3	- 10'8	- 5'6	- 6'4	- 5'4	- 8'8	- 6'1	- 7'9	- 6'1	- 7'9	- 6'6	- 8'1	- 6'3	- 8'9	- 7'7	- 7'9	- 5'4	- 8'0	- 7'2	- 8'0	
- 9'1	- 11'0	- 8'5	- 10'6	- 9'3	- 11'0	- 6'4	- 10'2	- 5'4	- 7'9	- 5'4	- 7'7	- 6'0	- 8'4	- 5'9	- 7'5	- 5'7	- 7'8	- 1'4	- 5'1	- 1'0	- 4'7	- 1'7	- 4'9	- 6'0	- 8'3	
- 1'1	0'0	- 2'3	+ 0'1	- 2'3	- 1'6	- 0'4	- 0'7	+ 1'1	+ 1'1	+ 0'8	+ 0'8	0'0	0'0	0'0	0'0	+ 0'4	- 0'3	+ 0'1	- 0'3	0'0	0'0	0'0	0'0	+ 0'6	+ 0'4	
+ 2'3	- 11'2	+ 3'2	- 11'7	+ 3'1	- 11'8	+ 1'2	- 9'2	- 0'1	- 7'3	- 1'2	- 6'8	- 2'0	- 7'4	- 1'5	- 7'3	+ 1'8	- 7'3	- 0'6	- 8'9	+ 0'4	- 8'4	+ 1'3	- 7'7	- 0'7	- 7'8	
+ 4'9	- 4'0	+ 5'1	- 4'7	+ 5'2	- 3'6	+ 5'8	- 3'9	+ 3'9	- 2'1	+ 3'5	- 1'9	+ 3'7	- 2'4	+ 3'8	- 1'1	+ 3'2	- 1'6	+ 3'9	- 2'0	+ 3'2	- 2'1	+ 2'6	- 2'2	+ 4'6	- 3'4	
+ 2'6	- 9'0	+ 2'3	- 7'9	+ 5'1	- 7'9	+ 3'4	- 7'2	+ 3'6	- 8'0	+ 2'2	- 7'3	+ 2'8	- 7'6	- 0'9	- 5'2	- 0'5	- 5'4	- 1'5	- 4'9	- 2'6	- 4'6	- 2'2	- 6'4	+ 0'3	- 7'1	
0'0	- 8'0	- 0'7	- 7'8	- 1'7	- 7'0	- 1'6	- 4'5	- 2'7	- 2'8	- 3'4	- 5'0	- 3'4	- 3'4	- 2'1	- 0'6	- 3'1	- 5'6	- 1'0	- 3'0	- 1'9	- 4'0	- 1'9	- 3'0	- 1'7	- 4'7	
- 4'3	- 8'0	- 2'8	- 7'7	- 4'7	- 6'2	- 4'8	- 6'3	- 3'4	- 2'5	- 4'5	- 3'1	- 6'3	- 2'9	- 7'4	- 1'8	- 8'7	- 1'1	- 5'7	- 4'4	- 3'8	- 4'7	- 3'1	- 8'0	- 3'8	- 5'6	
- 3'0	- 12'3	- 2'3	- 10'5	- 1'5	- 10'1	+ 0'1	- 8'3	+ 0'3	- 5'9	+ 0'6	- 7'2	- 0'4	- 5'2	- 0'3	- 3'2	- 1'2	- 3'0	- 0'2	- 1'7	- 2'0	- 0'1	- 4'0	- 0'7	- 3'1	- 6'4	
- 4'0	- 0'3	- 4'2	- 0'8	- 4'3	+ 0'7	- 5'5	- 0'3	- 4'8	+ 0'3	- 5'7	+ 0'5	- 6'9	- 1'0	- 6'0	- 0'5	- 4'8	- 0'2	- 5'7	- 1'0	- 5'8	- 1'3	- 6'6	+ 0'4	- 3'8	- 0'2	
- 5'0	- 6'2	- 3'8	- 6'3	- 2'9	- 4'9	- 3'5	- 4'7	- 3'1	- 4'5	- 1'9	- 6'1	+ 2'2	- 3'3	+ 1'5	- 4'7	- 0'4	- 6'3	- 0'5	- 5'6	- 1'9	- 5'5	- 2'1	- 5'1	- 2'8	- 5'1	
+ 7'1	- 6'6	+ 5'7	- 8'5	+ 6'5	- 8'8	+ 3'7	- 7'0	+ 4'7	- 7'8	+ 4'0	- 8'3	+ 4'1	- 7'5	+ 3'5	- 8'8	+ 1'5	- 8'0	+ 1'9	- 10'0	+ 1'3	- 9'4	+ 0'4	- 7'2	+ 2'8	- 8'9	
+ 5'2	+ 6'9	+ 4'5	+ 6'0	+ 2'6	+ 2'5	+ 3'4	+ 2'5	+ 2'8	+ 1'6	+ 3'4	- 0'2	+ 3'6	+ 1'5	+ 5'6	- 0'8	+ 5'0	+ 2'4	+ 2'8	+ 1'1	+ 2'3	+ 1'6	+ 2'0	+ 1'3	+ 4'4	+ 1'4	
+ 4'2	+ 13'1	+ 4'3	+ 13'4	+ 7'3	+ 12'2	+ 4'5	+ 12'4	+ 4'3	+ 12'6	+ 3'4	+ 13'3	+ 4'0	+ 12'4	+ 3'8	+ 12'3	+ 5'6	+ 11'5	+ 5'7	+ 11'8	+ 6'2	+ 10'3	+ 5'9	+ 10'7	+ 5'7	+ 11'0	
+ 0'4	+ 6'0	+ 2'9	+ 5'5	+ 1'8	+ 4'2	+ 2'6	+ 5'4	+ 4'0	+ 4'4	+ 3'0	+ 4'1	+ 3'7	+ 4'5	+ 3'2	+ 4'4	+ 0'9	+ 6'5	+ 1'6	+ 4'8	+ 0'3	+ 5'0	+ 0'2	+ 3'4	+ 2'1	+ 4'4	
+ 1'4	+ 3'3	+ 2'7	+ 2'7	+ 2'0	+ 3'0	+ 3'9	+ 4'5	+ 4'2	+ 4'8	+ 3'3	+ 5'3	+ 1'9	+ 2'8	+ 1'8	+ 3'0	+ 1'3	+ 3'2	+ 0'4	+ 2'0	+ 3'3	+ 4'8	+ 2'5	+ 4'1	+ 1'6	+ 3'1	
+ 5'7	+ 4'7	+ 7'5	+ 5'5	+ 6'6	+ 5'9	+ 4'3	+ 4'8	+ 6'3	+ 5'6	+ 4'2	+ 4'6	+ 4'5	+ 5'5	+ 4'2	+ 4'9	+ 4'3	+ 5'2	+ 0'7	+ 5'2	+ 0'7	+ 4'9	+ 0'7	+ 5'7	+ 4'7	+ 5'4	
+ 0'8	+ 2'0	0'0	+ 2'6	0'0	+ 3'8	0'0	+ 3'6	0'0	+ 3'2	0'0	+ 3'6	- 0'4	+ 2'0	- 0'2	+ 2'8	- 0'4	+ 3'6	- 0'2	+ 2'6	0'0	+ 2'0	0'0	+ 1'2	+ 0'1	+ 1'7	
+ 12'4	+ 9'3	+ 14'0	+ 9'1	+ 13'4	+ 10'4	+ 12'2	+ 10'6	+ 11'5	+ 11'4	+ 9'3	+ 13'6	+ 8'1	+ 12'3	+ 7'1	+ 12'6	+ 7'3	+ 11'9	+ 5'2	+ 10'9	+ 4'0	+ 11'0	+ 3'6	+ 11'1	+ 8'5	+ 10'8	

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL
KEW OBSERVATORY - - LAT. 51° 28' N. LONG. 0° 19' W.

Five-day Periods.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1890.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		
Jan. 1-5	1	'010	1	'010	—	—	—	—	—	—	—	—	—	—	1	'005	1	'155	1	'005	1	'040	1	'010		
" 6-10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'020	1	'015	—	—	1	'035		
" 11-15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 16-20	1	'065	1	'005	1	'020	—	—	—	—	2	'090	1	'040	—	—	—	—	1	'030	—	—	—			
" 21-25	1	'015	1	'010	1	'005	2	'010	1	'015	1	'025	1	'030	1	'035	1	'010	1	'005	—	—	—			
" 26-30	2	'015	2	'055	2	'005	1	'010	3	'035	3	'055	2	'035	2	'105	1	'065	1	'060	1	'035	1	'005		
Feb. 31-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 5-9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 10-14	1	'005	—	—	1	'005	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 15-19	—	—	1	'005	1	'020	1	'055	1	'125	—	—	—	—	—	—	1	'005	—	—	1	'010	1	'025		
" 20-24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	1	'005			
" 25-1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Mar. 2-6	1	'010	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 7-11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'050	2	'075	2	'090	1	'015	1	'005		
" 12-16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—			
" 17-21	1	'020	2	'035	1	'020	1	'050	1	'030	2	'035	2	'070	2	'070	2	'035	1	'015	2	'025	1	'010		
" 22-26	1	'005	1	'005	—	—	—	—	—	—	—	—	2	'040	1	'005	—	—	—	—	—	—	1	'005		
" 27-31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
April 1-5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 6-10	—	—	—	—	1	'005	1	'025	2	'030	2	'020	1	'010	1	'010	1	'005	—	—	1	'005	1	'130		
" 11-15	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 16-20	2	'020	2	'040	—	—	—	—	—	—	—	—	—	—	—	—	1	'025	1	'015	—	—	—			
" 21-25	1	'020	1	'005	2	'030	2	'080	1	'030	1	'005	—	—	1	'020	1	'050	1	'150	1	'135	1	'140		
" 26-30	—	—	—	—	—	—	—	—	—	—	1	'010	—	—	—	—	—	—	—	—	—	—	—			
May 1-5	—	—	—	—	—	—	—	—	1	'005	1	'010	1	'025	1	'055	1	'030	1	'040	—	—	—			
" 6-10	—	—	—	—	—	—	1	'005	1	'010	—	—	—	—	—	—	—	—	—	1	'010	1	'010			
" 11-15	2	'065	2	'020	2	'100	1	'010	2	'015	1	'005	1	'005	1	'020	—	—	—	—	—	—	1	'020		
" 16-20	2	'050	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 21-25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 26-30	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	1	'045	1	'050	—	—	—	—	—			
June 31-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'025	1	'025	—	—	—			
" 5-9	1	'005	1	'005	1	'005	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—			
" 10-14	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	1	'010	1	'010	—	—	1	'005		
" 15-19	—	—	—	—	—	—	1	'005	1	'010	1	'025	1	'050	1	'040	1	'005	—	—	—	—	—			
" 20-24	—	—	—	—	—	—	1	'010	1	'020	1	'015	1	'010	—	—	—	—	—	—	—	—	—			
" 25-29	—	—	—	—	—	—	1	'010	1	'015	1	'015	1	'050	1	'040	1	'005	2	'075	2	'050	1	'015		

NOTE.—In estimating the number of DAYS on which Rain fell, those on
* This total exceeds the sum of the hourly totals by an amount of rain which was measured,

AMOUNTS of RAINFALL registered therein, for FIVE-DAY PERIODS.

Rain-gauge, 2 feet above Ground; 20 feet above Mean Sea Level.

P.M.																								Midt.		Totals for the Five Days.	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Days (see Note).	Amount.		
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.				
1	in. '045	1	in. '005	—	in. —	—	in. —	1	in. '010	—	in. —	—	in. —	1	in. '060	1	in. '060	1	in. '015	1	in. '015	1	in. '005	4	ins. '465*		
1	'015	—	—	—	—	1	'005	1	'050	1	'035	1	'005	—	—	3	'145	2	'015	1	'005	1	'005	3	'380*		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'030*		
—	—	—	—	1	'010	1	'010	—	—	1	'010	1	'030	—	—	—	—	1	'005	—	—	1	'005	2	'320		
—	—	—	—	1	'010	2	'070	3	'005	1	'020	2	'025	1	'010	—	—	—	—	—	—	1	'020	5	'355*		
1	'050	1	'005	1	'020	1	'005	—	—	1	'010	1	'005	1	'005	2	'015	1	'010	1	'005	—	—	4	'610		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'020*		
—	—	—	—	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'020*		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	2	'030*		
1	'050	1	'020	1	'010	1	'020	1	'015	1	'005	1	'015	1	'005	1	'005	1	'005	—	—	—	—	1	'815*		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'010		
1	'015	1	'045	1	'050	1	'020	1	'005	1	'010	—	—	—	—	—	—	—	—	1	'005	1	'005	2	'160*		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'035*		
1	'005	—	—	1	'005	—	—	—	—	1	'070	1	'010	—	—	—	—	—	—	—	—	—	—	2	'325		
—	—	—	—	—	—	—	—	1	'075	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	1	'090*		
1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	1	'015	2	'010	1	'015	3	'475*		
3	'070	1	'040	1	'005	2	'080	1	'035	2	'090	1	'045	—	—	1	'005	1	'005	1	'005	1	'010	4	'450		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'015*		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
—	—	—	—	3	'045	1	'005	—	—	1	'005	2	'015	1	'010	1	'010	—	—	—	—	—	—	4	'330		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	2	'130	2	'010	2	'320*		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'110*		
1	'045	2	'010	—	—	1	'020	—	—	—	—	—	—	1	'010	—	—	1	'120	1	'030	1	'045	4	'945		
1	'015	2	'100	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	'130		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'020	2	'190*		
—	—	2	'150	2	'120	1	'040	1	'145	1	'070	1	'010	1	'005	1	'025	—	—	—	—	—	—	4	'600		
—	—	1	'005	1	'015	1	'025	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	'310*		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'025	1	'005	2	'130	4	'215*		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'100		
—	—	—	—	1	'045	1	'075	1	'075	1	'045	1	'050	1	'005	—	—	—	—	—	—	—	—	1	'345		
—	—	1	'005	1	'005	1	'005	1	'015	1	'040	1	'010	—	—	1	'015	1	'010	1	'055	1	'015	2	'195		
1	'040	1	'155	1	'040	2	'070	2	'110	1	'010	—	—	2	'060	2	'040	—	—	—	—	—	1	'010	4	'570	
—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	1	'005	—	—	—	—	—	—	—	1	'150*	
—	—	—	—	—	—	—	—	—	—	—	—	1	'180	1	'035	1	'035	1	'015	—	—	—	—	—	3	'330*	
—	—	1	'030	1	'040	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	'1310*		

which a fall of less than 0·0 in. was measured have been disregarded.
but which, owing to failure of the trace, could not be allocated to the hours at which it fell.

TABLE V.—NUMBER of RAINY HOURS and DAYS, and the TOTAL

Five-day Periods.	A.M.																								Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.			
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.		
1890. July 30-4	—	in. —	—	in. —	—	in. —	1	.015	1	.015	1	.005	1	in. .020	2	in. .090	2	in. .045	1	in. .050	2	in. .125	2	in. .115		
" 5-9	2	.025	2	.025	1	.090	2	.145	2	.105	1	.025	1	.075	1	.030	1	.045	1	.035	2	.060	3	.055		
" 10-14	1	.140	1	.010	1	.005	1	.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	.035		
" 15-19	2	.200	2	.190	1	.170	1	.075	1	.040	2	.095	2	.035	—	—	—	—	1	.005	—	—	—	—		
" 20-24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 25-29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	.025	1	.005	—	—	—	—		
Aug. 30-3	—	—	—	—	—	—	—	—	—	—	—	1	.020	—	—	—	—	—	—	—	—	—	—	—		
" 4-8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 9-13	1	.015	—	—	—	—	—	—	—	—	2	.040	3	.175	2	.040	—	—	1	.035	—	—	—	—		
" 14-18	1	.005	1	.005	—	—	—	—	—	—	—	—	—	—	—	—	1	.030	—	—	1	.035	—	—		
" 19-23	—	—	2	.110	1	.055	1	.025	—	—	1	.135	1	.220	—	—	1	.020	1	.080	2	.185	2	.055		
" 24-28	1	.015	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Sept. 29-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 3-7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	.010	1	.005	—	—	—	—	—	—		
" 8-12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 13-17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 18-22	1	.010	2	.030	2	.020	1	.040	1	.005	—	—	—	—	—	—	—	—	—	—	1	.040	—	—		
" 23-27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Oct. 28-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 3-7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	.015	1	.035	1	.010	—	—	1	.030		
" 8-12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 13-17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	.020	—	—	1	.030		
" 18-22	—	—	—	—	1	.005	1	.020	1	.020	1	.005	—	—	1	.005	1	.005	—	—	—	—	—	—		
" 23-27	1	.015	—	—	—	—	1	.030	1	.005	—	—	—	—	—	—	—	—	—	—	—	—	1	.010		
Nov. 28-1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	.005	1	.005	—	—	—	—	—	1	.060		
" 2-6	—	—	1	.010	2	.035	2	.015	1	.010	—	—	1	.025	1	.030	1	.035	1	.055	1	.020	—	—		
" 7-11	1	.010	1	.025	2	.025	1	.005	—	—	—	—	1	.005	—	—	—	—	1	.005	1	.005	—	—		
" 12-16	1	.005	1	.010	—	—	1	.005	—	—	2	.015	1	.020	1	.010	—	—	—	—	—	—	—	—		
" 17-21	1	.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 22-26	1	.035	1	.005	2	.080	1	.030	1	.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Dec. 27-1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 2-6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	.005	1	.010	1	.005	—	—	—		
" 7-11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 12-16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 17-21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 22-26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
" 27-31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

NOTE.—In estimating the number of DAYS on which Rain fell, those on

* This total exceeds the sum of the hourly totals by an amount of rain which was measured.

AMOUNTS of RAINFALL registered therein, for FIVE-DAY PERIODS—*continued*.

P.M.																								Midt.		Totals for the Five Days.	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Days (see Note).	Amount.		
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.				
2	in. '020	1	in. '005	2	in. '075	2	in. '020	3	in. '025	—	in. —	2	in. '070	—	in. —	1	in. '005	—	in. —	2	in. '020	1	in. '045	5	in. '765		
2	'075	2	'020	2	'010	1	'030	1	'005	—	—	—	—	1	'005	1	'025	1	'020	1	'045	1	'040	4	1'050"		
1	'045	—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	1	'005	1	'005	1	'140	2	'365		
—	—	—	—	—	—	1	'040	1	'010	3	'105	3	'170	1	'525	2	'205	2	'335	3	'285	2	'215	3	2'705"		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	'005"		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'035"		
—	—	—	—	—	—	1	'005	1	'015	1	'010	1	'005	1	'015	1	'010	1	'005	—	—	—	—	2	'085		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	'010"		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	1	'020	1	'005	—	—	1	'060	3	'445"		
—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	1	'030	—	—	—	—	—	—	3	'115"		
1	'010	1	'010	1	'005	1	'015	—	—	1	'030	—	—	—	—	—	—	—	—	—	—	1	'010	4	'965		
—	—	—	—	2	'175	2	'025	—	—	2	'025	1	'010	1	'010	1	'005	1	'005	1	'010	1	'040	4	'330"		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'020"		
—	—	—	—	1	'005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'030"		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	'015"		
—	—	—	—	—	—	—	—	—	—	—	—	1	'005	1	'145	1	'020	—	—	—	—	—	1	'005	1	'190"	
—	—	—	—	—	—	—	—	—	—	1	'010	1	'015	1	'015	2	'040	—	—	—	—	—	—	—	4	'225	
1	'015	—	—	—	—	—	—	1	'000	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'120"	
—	—	1	'020	1	'010	—	—	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'045"		
1	'025	1	'005	1	'005	—	—	—	—	—	—	1	'015	1	'040	1	'010	1	'010	—	—	—	—	—	2	'210"	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'025"		
1	'040	2	'020	—	—	1	'005	—	—	—	—	—	—	—	—	1	'020	2	'010	1	'005	—	—	—	4	'170"	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'065"		
1	'055	1	'075	1	'115	1	'035	1	'005	1	'050	1	'005	1	'005	—	—	—	—	—	—	—	—	—	3	'415"	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	—	—	—	—	—	3	'100"	
—	—	—	—	1	'010	—	—	—	—	1	'020	2	'055	2	'080	1	'005	2	'120	1	'085	1	'025	5	'640"		
—	—	1	'010	1	'005	—	—	—	—	1	'025	1	'030	1	'015	1	'010	—	—	—	—	—	1	'005	3	'185"	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'035	1	'070	1	'040	1	'020	4	'845"		
1	'020	—	—	—	—	—	—	1	'005	1	'005	1	'100	1	'005	—	—	—	—	—	—	—	—	—	3	'155"	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'015	1	'020	1	'005	—	—	—	—	—	4	'210"	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'090"	
—	—	1	'025	1	'005	—	—	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'060	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	'095"	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	'375"	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'015"	

which a fall of less than 0.01 in. was measured have been disregarded.
but which, owing to the failure of the trace, could not be allocated to the hours at which it fell.

KEW OBSERVATORY -

TABLE VI.—HOURLY and DAILY MEANS of
Barometer Cistern, 34 feet

1890.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	ins. 29'913	ins. 29'907	ins. 29'902	ins. 29'897	ins. 29'891	ins. 29'887	ins. 29'888	ins. 29'893	ins. 29'903	ins. 29'913	ins. 29'921	ins. 29'923	ins. 29'913
Feb. -	30'180	30'177	30'173	30'166	30'165	30'164	30'165	30'172	30'178	30'182	30'184	30'184	30'175
March -	29'820	29'818	29'811	29'807	29'804	29'806	29'811	29'819	29'824	29'829	29'828	29'828	29'822
April -	29'823	29'816	29'807	29'802	29'796	29'795	29'800	29'800	29'800	29'801	29'796	29'794	29'789
May -	29'815	29'810	29'805	29'802	29'800	29'802	29'807	29'811	29'813	29'815	29'815	29'814	29'810
June -	30'000	29'995	29'989	29'986	29'986	29'988	29'990	29'993	29'993	29'998	29'986	29'983	29'977
July -	29'876	29'872	29'864	29'859	29'856	29'859	29'864	29'870	29'875	29'877	29'879	29'882	29'881
August -	29'864	29'860	29'857	29'855	29'853	29'853	29'859	29'861	29'865	29'866	29'865	29'865	29'863
Sept. -	30'133	30'131	30'127	30'123	30'120	30'123	30'130	30'135	30'142	30'144	30'143	30'138	30'132
Oct. -	30'093	30'092	30'087	30'083	30'081	30'082	30'082	30'088	30'094	30'096	30'096	30'091	30'080
Nov. -	29'826	29'823	29'822	29'819	29'819	29'822	29'827	29'836	29'846	29'853	29'859	29'862	29'859
Dec. -	30'020	30'017	30'016	30'013	30'005	30'002	30'002	30'004	30'012	30'020	30'026	30'019	30'008
Year -	29'947	29'943	29'938	29'934	29'931	29'932	29'935	29'940	29'945	29'949	29'950	29'949	29'948

TABLE VII.—HOURLY and DAILY MEANS of
Thermometer,

1890.	Midt.	A.M.											Noon.	
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	12.
Jan. -	43'0	42'8	42'7	42'7	42'5	42'5	42'5	42'5	42'0	42'5	43'4	44'9	45'8	46'3
Feb. -	37'0	36'8	36'4	36'3	35'9	35'8	35'4	35'3	35'3	36'2	37'3	38'8	39'8	41'0
March -	40'5	40'1	39'5	39'3	39'0	38'9	39'0	39'3	40'9	43'2	45'0	46'5	47'1	48'2
April -	41'9	41'6	41'2	40'9	40'4	40'2	40'4	42'2	44'2	46'2	47'8	49'4	50'0	50'8
May -	49'2	48'6	47'6	47'0	46'4	47'0	48'5	51'1	53'1	54'9	56'3	58'0	59'1	60'4
June -	53'6	53'1	52'4	51'9	51'6	52'4	53'4	54'9	56'4	58'1	59'3	60'9	61'5	62'9
July -	55'6	55'0	54'5	54'1	53'8	54'2	55'2	56'8	58'3	59'9	60'9	62'6	63'2	64'4
August -	55'6	55'2	54'7	54'2	53'7	53'6	54'0	55'7	57'4	59'5	61'0	62'4	63'1	64'3
Sept. -	54'8	54'0	53'5	52'8	52'2	51'7	51'9	53'2	55'6	58'7	60'9	63'2	64'7	66'1
Oct. -	45'8	45'8	45'2	45'1	45'0	45'0	44'8	45'0	45'9	47'9	49'8	52'1	53'6	55'2
Nov. -	42'7	42'5	42'3	42'5	42'0	41'9	41'6	41'4	41'1	42'0	43'3	45'0	45'9	46'8
Dec. -	29'3	29'0	28'9	28'9	28'7	29'0	29'0	29'3	29'1	29'5	29'9	30'6	30'9	31'2
Year -	45'8	45'4	44'9	44'6	44'3	44'4	44'6	45'6	46'6	48'2	49'6	51'2	52'1	53'1

TABLE VIII.—HOURLY and DAILY MEAN DIFFERENCE between the DRY-BULB

1890.	Midt.	A.M.											Noon.
	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Jan. -	1'4	1'3	1'4	1'4	1'3	1'4	1'4	1'4	1'4	1'6	1'9	2'3	2'6
Feb. -	1'6	1'5	1'4	1'5	1'3	1'4	1'2	1'3	1'3	1'6	1'8	2'2	2'5
March -	1'8	1'7	1'4	1'5	1'4	1'4	1'4	1'3	1'6	2'3	2'9	3'7	4'1
April -	1'9	1'8	1'7	1'7	1'5	1'5	1'4	1'9	2'7	3'5	4'5	5'1	5'6
May -	2'2	2'1	1'8	1'7	1'5	1'6	1'9	2'6	3'8	4'6	5'3	6'1	6'9
June -	1'8	1'7	1'4	1'3	1'2	1'4	1'7	2'5	3'1	3'7	4'5	5'4	5'6
July -	2'1	1'8	1'6	1'4	1'3	1'4	1'6	2'3	3'1	3'9	4'6	5'5	6'0
August -	1'9	1'7	1'6	1'5	1'5	1'5	1'6	2'0	2'8	3'6	5'0	5'8	6'5
Sept. -	1'5	1'3	1'3	1'1	1'1	0'9	1'0	1'3	1'9	2'9	4'1	5'4	6'2
Oct. -	2'0	1'9	1'9	1'9	1'8	1'8	1'8	1'9	2'0	2'6	3'3	4'0	4'7
Nov. -	1'6	1'5	1'5	1'6	1'6	1'7	1'6	1'6	1'6	2'0	2'3	2'8	3'0
Dec. -	1'5	1'4	1'4	1'4	1'3	1'3	1'2	1'4	1'3	1'4	1'5	1'6	1'7
Year -	1'8	1'6	1'5	1'5	1'4	1'4	1'5	1'8	2'2	2'8	3'5	4'2	4'6

LAT. 51° 28' N. LONG. 0° 19' W.

PRESSURE for each CALENDAR MONTH and for the YEAR.
above Mean Sea Level.

P.M.											Midt.	Daily Means (Month).	1890.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
ins. 29°905	ins. 29°901	ins. 29°905	ins. 29°911	ins. 29°916	ins. 29°919	ins. 29°920	ins. 29°921	ins. 29°918	ins. 29°918	ins. 29°917	ins. 29°914	ins. 29°909	Jan.
30°165	30°155	30°152	30°150	30°156	30°164	30°170	30°174	30°177	30°179	30°176	30°176	30°170	Feb.
29°812	29°805	29°799	29°795	29°798	29°807	29°814	29°819	29°823	29°825	29°826	29°823	29°815	March.
29°786	29°780	29°777	29°777	29°779	29°788	29°798	29°810	29°815	29°817	29°815	29°810	29°799	April.
29°805	29°802	29°798	29°794	29°792	29°797	29°803	29°814	29°824	29°826	29°826	29°821	29°809	May.
29°973	29°968	29°962	29°956	29°953	29°953	29°957	29°962	29°971	29°973	29°973	29°969	29°977	June.
29°881	29°881	29°880	29°878	29°877	29°881	29°886	29°892	29°901	29°903	29°903	29°901	29°879	July.
29°861	29°858	29°857	29°854	29°853	29°855	29°862	29°872	29°877	29°878	29°878	29°874	29°865	August.
30°125	30°116	30°110	30°106	30°106	30°108	30°115	30°121	30°122	30°124	30°122	30°118	30°125	Sept.
30°069	30°058	30°053	30°051	30°057	30°065	30°069	30°072	30°077	30°080	30°080	30°083	30°078	Oct.
29°853	29°849	29°850	29°851	29°856	29°858	29°861	29°858	29°858	29°856	29°853	29°853	29°845	Nov.
29°997	29°991	29°994	29°995	29°999	30°002	30°008	30°011	30°013	30°014	30°016	30°012	30°009	Dec.
29°936	29°930	29°928	29°927	29°929	29°933	29°939	29°944	29°948	29°949	29°949	29°946	29°940	Year.

TEMPERATURE for each CALENDAR MONTH and for the YEAR.
10 feet above Ground.

P.M.										Midt.	Daily Means (Month).	Means of Daily		1890.
14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		Max.	Min.	
46°6	46°0	45°0	44°3	43°9	43°7	43°5	43°6	43°5	43°5	43°4	43°7	48°3	38°6	Jan.
41°4	41°6	40°9	39°8	38°8	38°2	37°9	37°8	37°3	36°9	36°4	37°8	42°7	33°7	Feb.
48°1	48°5	48°0	47°4	45°9	44°6	43°6	42°8	42°1	41°5	40°9	43°2	49°7	36°4	March.
51°2	51°3	50°9	50°6	48°8	46°8	45°3	44°4	43°4	42°7	42°1	45°4	53°0	38°7	April.
60°4	61°2	61°0	61°2	60°0	57°9	54°9	52°8	51°2	50°1	48°9	53°9	62°8	44°7	May.
63°2	63°9	63°8	63°7	62°8	61°2	58°9	57°3	56°0	54°9	53°9	57°7	66°3	50°4	June.
64°9	64°9	64°6	64°4	63°2	62°0	60°0	58°6	57°7	56°8	55°9	59°3	66°8	52°5	July.
65°0	65°0	64°8	64°3	63°2	61°5	59°2	57°7	56°6	55°8	55°0	58°9	66°8	52°0	August.
66°7	66°8	66°2	65°0	62°6	60°4	58°7	57°6	56°8	56°0	55°3	58°6	68°0	50°5	Sept.
55°6	55°9	54°9	52°9	50°4	49°0	48°0	47°4	46°5	46°1	45°5	48°7	56°8	41°7	Oct.
47°0	46°7	45°8	44°9	43°8	43°4	42°9	42°8	42°4	42°4	42°1	43°4	48°6	37°0	Nov.
31°4	31°4	31°2	31°1	30°8	30°7	30°3	30°2	29°9	29°9	29°5	30°0	33°4	25°3	Dec.
53°5	53°6	53°1	52°5	51°2	50°0	48°6	47°8	47°0	46°4	45°7	48°4	55°3	41°8	Year.

and WET-BULB THERMOMETERS, for each CALENDAR MONTH and for the YEAR.

P.M.											Midt.	Daily Means (Month).	1890.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.		
2°8	3°0	2°7	2°3	2°2	2°0	1°8	1°7	1°6	1°5	1°4	1°3	1°8	Jan.
2°9	3°0	3°0	2°8	2°3	2°0	1°8	1°8	1°8	1°8	1°7	1°6	1°9	Feb.
4°5	4°8	4°8	4°8	4°5	3°7	3°0	2°6	2°3	2°2	2°0	1°8	2°7	March.
6°1	6°5	6°3	6°3	6°1	5°0	3°8	3°1	2°7	2°3	2°1	1°9	3°5	April.
7°3	7°5	7°4	7°8	7°8	7°3	6°1	4°7	3°8	3°2	2°7	2°1	4°4	May.
6°2	6°6	6°6	6°8	6°4	5°9	5°0	3°7	3°0	2°7	2°1	1°8	3°7	June.
6°4	7°1	6°8	6°5	6°4	5°8	5°0	3°9	3°3	2°8	2°4	2°0	3°8	July.
7°0	7°5	7°4	7°3	6°9	6°0	4°8	3°7	2°8	2°4	2°2	1°8	3°9	August.
6°8	7°4	7°2	6°9	6°0	4°6	3°5	2°7	2°3	2°0	1°7	1°6	3°3	Sept.
5°4	5°8	6°0	5°7	4°4	3°2	2°6	2°4	2°2	2°1	2°0	1°9	3°0	Oct.
3°3	3°4	3°3	2°8	2°4	2°0	1°7	1°7	1°7	1°7	1°7	1°6	2°1	Nov.
1°6	1°8	1°7	1°6	1°6	1°7	1°7	1°6	1°6	1°5	1°5	1°5	1°5	Dec.
5°0	5°4	5°3	5°1	4°8	4°1	3°4	2°8	2°4	2°2	2°0	1°7	3°0	Year.

KEW OBSERVATORY

TABLE IX.—MEAN HOURLY and DAILY WIND

1890.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.
January	- 7'5	- 5'8	- 7'2	- 5'4	- 7'5	- 5'3	- 7'7	- 5'1	- 8'0	- 5'3	- 7'8	- 5'7	- 7'7	- 6'3	- 7'4	- 6'1	- 8'2	- 5'8	- 8'4	- 7'3	- 8'7	- 8'8	- 9'6	- 9'4
February	+ 3'5	+ 5'9	+ 3'2	+ 6'3	+ 3'7	+ 6'1	+ 3'9	+ 5'6	+ 3'8	+ 5'8	+ 4'0	+ 5'7	+ 3'9	+ 6'0	+ 4'0	+ 6'1	+ 4'6	+ 6'5	+ 5'1	+ 6'9	+ 5'7	+ 7'5	+ 5'1	+ 8'4
March	- 1'8	- 4'9	- 1'6	- 5'2	- 1'6	- 4'6	- 1'5	- 4'3	- 2'0	- 3'7	- 2'3	- 4'3	- 2'8	- 4'6	- 3'7	- 5'0	- 2'7	- 5'8	- 2'6	- 5'5	- 2'9	- 5'7	- 2'5	- 6'6
April	- + 2'1	+ 0'7	+ 1'7	+ 0'6	+ 2'0	+ 0'9	+ 2'1	+ 1'2	+ 2'4	+ 1'0	+ 1'3	+ 0'2	+ 2'0	+ 0'5	+ 2'8	+ 1'9	+ 4'2	+ 2'1	+ 3'9	+ 2'7	+ 4'8	+ 2'0	+ 4'0	+ 2'0.
May	- + 0'4	+ 1'9	+ 0'5	+ 1'2	+ 0'7	+ 0'7	+ 0'3	+ 1'3	+ 0'2	+ 0'6	+ 0'7	+ 1'0	+ 0'5	+ 1'0	+ 0'6	+ 1'8	+ 0'4	+ 1'6	+ 1'0	+ 2'0	+ 1'2	+ 2'4	+ 0'7	+ 2'4
June	- - 2'5	- 3'2	- 2'2	- 3'0	- 2'5	- 2'9	- 2'6	- 3'1	- 2'4	- 3'4	- 3'5	- 4'0	- 2'4	- 4'7	- 2'6	- 4'8	- 3'0	- 5'1	- 3'5	- 5'7	- 3'4	- 6'5	- 4'4	- 6'2
July	- - 2'1	- 3'1	- 2'2	- 2'8	- 2'3	- 3'7	- 3'2	- 3'5	- 3'4	- 3'9	- 3'0	- 4'6	- 1'6	- 5'5	- 1'3	- 5'5	- 1'0	- 6'6	- 0'4	- 6'7	- 1'6	- 8'0	- 1'6	- 7'9
August	- - 1'9	- 2'0	- 2'2	- 2'3	- 1'8	- 2'2	- 2'2	- 2'0	- 1'8	- 1'7	- 2'3	- 1'7	- 2'6	- 2'5	- 2'2	- 3'3	- 1'7	- 4'1	- 0'5	- 4'3	- 1'0	- 5'6	- 1'3	- 5'2
September	- - 1'9	- 0'8	- 2'2	- 0'7	- 2'1	- 1'2	- 2'4	- 1'5	- 2'0	- 1'5	- 1'4	- 0'9	- 2'2	- 1'5	- 3'8	- 1'7	- 5'7	- 1'9	- 5'3	- 1'7	- 7'2	- 1'7	- 7'0	- 2'5
October	- - 1'1	- 4'4	- 1'0	- 4'4	- 1'7	- 4'4	- 0'9	- 4'6	- 0'8	- 4'4	- 2'0	- 4'1	- 1'8	- 4'4	- 2'2	- 4'3	- 1'8	- 5'2	- 0'9	- 6'3	- 1'2	- 7'8	- 1'0	- 7'8
November	- - 2'2	- 3'2	- 2'3	- 3'7	- 1'3	- 4'7	- 1'6	- 4'8	- 1'0	- 5'3	- 0'4	- 4'8	- 0'6	- 4'7	- 0'6	- 3'9	- 0'3	- 4'6	- 0'1	- 5'7	0'0	- 7'0	+ 0'7	- 6'0
December	+ 1'9	+ 4'6	+ 2'3	+ 4'9	+ 2'9	+ 4'8	+ 3'4	+ 5'4	+ 3'2	+ 4'8	+ 3'6	+ 5'1	+ 4'1	+ 5'1	+ 4'0	+ 5'6	+ 3'7	+ 6'2	+ 4'5	+ 5'5	+ 5'0	+ 6'1	+ 4'8	+ 5'8
Year	- - 1'1	- 1'2	- 1'1	- 1'2	- 1'0	- 1'4	- 1'0	- 1'3	- 1'0	- 1'4	- 1'1	- 1'5	- 0'9	- 1'8	- 1'0	- 1'6	- 1'0	- 1'9	- 0'8	- 2'2	- 1'0	- 2'8	- 1'1	- 2'8

TABLE X.—NUMBER of HOURS in which RAIN fell, and the
Rain-gauge 2 feet above Ground;

1890.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.
January	5	in. '105	5	in. '080	3	in. '030	3	in. '020	4	in. '050	6	in. '170	4	in. '105	4	in. '145	4	in. '250	5	in. '115	2	in. '075	3	in. '050
February	1	'005	1	'005	2	'025	2	'040	1	'125	—	—	—	—	—	—	1	'005	—	—	2	'015	2	'030
March	3	'035	4	'045	1	'020	1	'050	1	'030	2	'035	4	'110	4	'125	4	'110	4	'110	3	'040	3	'020
April	4	'045	3	'045	3	'035	3	'105	3	'060	4	'035	1	'010	2	'030	3	'080	2	'165	2	'140	2	'270
May	4	'115	2	'020	2	'100	2	'015	4	'030	2	'015	3	'035	3	'120	2	'060	1	'040	1	'010	2	'030
June	2	'010	1	'005	1	'005	4	'040	5	'065	4	'060	4	'130	4	'115	5	'070	5	'160	3	'160	3	'090
July	5	'365	5	'225	3	'265	4	'225	3	'145	4	'140	3	'110	2	'140	3	'090	3	'045	3	'075	5	'105
August	3	'035	3	'115	1	'035	1	'025	—	—	3	'175	4	'395	2	'040	2	'050	2	'115	3	'220	2	'055
September	1	'010	2	'030	2	'020	1	'040	1	'005	—	—	—	—	1	'010	1	'005	—	—	1	'040	—	—
October	1	'015	—	—	1	'005	2	'050	2	'025	1	'005	1	'005	3	'025	2	'040	2	'030	—	—	4	'130
November	4	'055	4	'050	6	'140	5	'055	2	'015	2	'015	3	'050	2	'040	1	'035	2	'060	2	'025	—	—
December	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	'005	1	'010	1	'005	—	—	—	—
Year	33	'795	30	'620	25	'700	28	'665	26	'550	28	'650	27	'950	28	'795	29	'825	27	'845	22	'800	26	'780

NOTE.—In estimating the number of DAYS on which Rain fell, those on which
* This total exceeds the sum of the hourly totals by an amount of rain which was measured.

LAT. 51° 28' N. LONG. 0° 19' W.

COMPONENTS for each CALENDAR MONTH and for the YEAR.

P.M.																							Midt.		Daily Means (Month).		1890.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.		
- 9'3	- 9'4	- 9'5	- 9'8	- 8'3	- 8'8	- 8'9	- 7'8	- 8'7	- 7'0	- 9'1	- 6'6	- 8'9	- 5'9	- 8'9	- 6'4	- 8'9	- 6'0	- 8'7	- 6'1	- 8'6	- 5'4	- 8'4	- 5'5	- 8'4	- 6'7	January.	
+ 4'8	+ 7'7	+ 4'8	+ 7'8	+ 5'2	+ 7'7	+ 5'3	+ 7'4	+ 4'9	+ 7'3	+ 4'0	+ 7'3	+ 4'1	+ 6'7	+ 4'3	+ 6'3	+ 4'4	+ 6'7	+ 3'8	+ 5'8	+ 3'8	+ 6'3	+ 3'3	+ 5'8	+ 4'3	+ 6'6	February.	
- 2'7	- 7'3	- 3'1	- 6'6	- 2'4	- 6'7	- 2'4	- 6'8	- 2'7	- 5'7	- 2'5	- 4'8	- 3'0	- 4'6	- 2'4	- 3'8	- 1'9	- 4'4	- 1'8	- 3'8	- 1'1	- 4'4	- 1'6	- 4'9	- 2'3	- 5'2	March.	
+ 4'6	+ 1'6	+ 5'6	+ 2'2	+ 4'3	+ 2'1	+ 4'6	+ 2'0	+ 3'7	+ 2'4	+ 2'3	+ 3'1	+ 1'8	+ 3'0	+ 1'7	+ 2'3	+ 2'7	+ 2'3	+ 1'9	+ 1'8	+ 2'2	+ 0'9	+ 2'3	+ 1'0	+ 3'0	+ 1'7	April.	
- 1'3	+ 3'0	- 1'7	+ 2'0	- 1'5	+ 2'4	- 0'6	+ 1'7	- 0'8	+ 2'2	- 0'8	+ 2'9	+ 0'1	+ 2'7	+ 0'7	+ 2'3	+ 1'0	+ 2'4	+ 1'4	+ 2'2	+ 0'9	+ 2'7	+ 0'9	+ 1'9	0'0	+ 1'9	May.	
- 3'5	- 6'4	- 3'9	- 7'4	- 3'7	- 6'7	- 4'4	- 7'2	- 4'6	- 6'3	- 4'9	- 6'0	- 4'5	- 5'7	- 3'7	- 4'3	- 3'2	- 4'4	- 3'5	- 4'1	- 2'9	- 3'8	- 2'6	- 3'1	- 3'3	- 4'9	June.	
- 1'9	- 8'0	- 1'2	- 7'8	- 2'1	- 6'8	- 2'6	- 6'4	- 2'1	- 6'2	- 3'0	- 5'1	- 3'5	- 5'4	- 2'9	- 4'0	- 2'9	- 3'5	- 2'2	- 3'2	- 2'2	- 3'2	- 2'0	- 2'8	- 2'2	- 5'2	July.	
- 2'7	- 5'3	- 2'1	- 5'1	- 1'1	- 5'3	- 1'0	- 4'8	- 2'3	- 4'1	- 2'4	- 3'2	- 2'5	- 2'4	- 2'1	- 1'8	- 2'8	- 1'9	- 2'1	- 1'6	- 1'9	- 1'3	- 2'0	- 1'4	- 1'9	- 3'1	August.	
- 7'5	- 2'6	- 6'3	- 2'8	- 5'8	- 2'0	- 4'6	- 1'8	- 4'6	- 1'5	- 4'1	- 1'1	- 3'5	- 0'9	- 2'5	- 0'8	- 2'8	- 0'7	- 2'7	- 1'7	- 2'9	- 1'3	- 2'2	- 1'6	- 3'9	- 1'5	September.	
- 1'0	- 7'2	- 1'1	- 7'1	- 0'6	- 7'3	- 0'1	- 6'4	+ 0'1	- 4'8	- 0'6	- 5'0	- 0'8	- 5'2	- 1'1	- 4'6	- 0'5	- 4'6	- 0'2	- 4'2	- 0'4	- 4'2	- 0'1	- 4'1	- 0'9	- 5'3	October.	
- 0'4	- 2'9	- 0'1	- 2'9	- 0'6	- 4'8	- 1'0	- 4'2	- 0'4	- 3'3	- 0'7	- 4'1	- 0'6	- 3'3	- 0'4	- 3'5	- 1'6	- 2'9	- 1'2	- 3'6	- 1'8	- 3'5	- 2'5	- 3'3	- 0'9	- 4'4	November.	
+ 4'0	+ 6'2	+ 4'9	+ 6'2	+ 5'0	+ 6'4	+ 4'4	+ 6'7	+ 4'8	+ 6'9	+ 3'7	+ 7'2	+ 3'5	+ 6'5	+ 3'2	+ 6'5	+ 3'1	+ 6'8	+ 2'2	+ 6'0	+ 2'3	+ 6'1	+ 2'1	+ 5'8	+ 3'6	+ 5'9	December.	
- 1'4	- 2'6	- 1'1	- 2'6	- 1'0	- 2'5	- 0'9	- 2'3	- 1'1	- 1'7	- 1'5	- 1'3	- 1'5	- 1'2	- 1'2	- 1'0	- 1'1	- 0'9	- 1'1	- 1'0	- 1'1	- 0'9	- 1'1	- 1'0	- 1'1	- 1'7	Year.	

TOTAL AMOUNTS of RAINFALL MEASURED, for each HOUR, and CALENDAR MONTH, and for the YEAR.

20 feet above Mean Sea Level.

P.M.																							Midt.		Monthly Totals.		1890.
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.					
Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Hours.	Amount.	Rainy Days.	Amount.		
3	in. '110	2	in. '010	3	in. '040	5	in. '110	5	in. '085	4	in. '075	5	in. '065	3	in. '075	6	in. '220	5	in. '045	3	in. '025	4	in. '035	20	ins. 2'160*	January.	
1	'050	1	'020	2	'020	1	'020	1	'015	2	'015	1	'015	1	'005	1	'005	1	'005	—	—	1	'005	7	0'910*	February.	
4	'100	2	'085	3	'060	3	'100	3	'115	4	'165	2	'055	—	—	2	'010	2	'020	4	'020	3	'030	14	1'535*	March.	
2	'060	4	'110	4	'050	2	'025	—	—	1	'005	2	'015	2	'020	2	'015	2	'185	3	'160	3	'055	15	1'735*	April.	
—	—	3	'155	3	'135	2	'065	1	'145	1	'070	1	'010	1	'005	1	'025	1	'025	1	'005	3	'150	14	1'415*	May.	
2	'045	4	'195	5	'185	5	'155	4	'200	4	'100	3	'240	4	'100	5	'095	2	'025	1	'055	2	'025	15	3'310*	June.	
4	'135	2	'020	3	'030	4	'090	5	'040	3	'105	5	'240	2	'530	4	'235	4	'360	7	'355	5	'440	15	4'535*	July.	
1	'010	1	'010	4	'185	4	'045	1	'015	4	'065	2	'015	3	'030	4	'065	3	'015	1	'010	3	'110	16	1'945*	August.	
1	'015	—	—	1	'005	—	—	1	'090	2	'020	2	'020	2	'160	3	'060	—	—	—	—	1	'005	8	0'590*	September.	
3	'120	5	'120	3	'130	2	'040	2	'015	1	'050	2	'020	2	'045	2	'030	4	'025	1	'005	—	—	15	1'025*	October.	
1	'020	1	'010	2	'015	—	—	1	'005	3	'050	4	'185	5	'115	4	'070	4	'195	2	'125	4	'055	20	1'525*	November.	
—	—	1	'025	1	'005	—	—	1	'010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7	0'545*	December.	
22	'665	26	'760	34	'860	28	'650	25	'735	29	'720	29	'880	25	1'085	34	'830	28	'900	23	'760	29	'910	166	21'230*	Year.	

a fall of less than 0'01 in. was measured have been disregarded.
but which, owing to failure of the trace, could not be allocated to the hours at which it fell.

KEW OBSERVATORY

TABLE XI.—NUMBER of OBSERVATIONS of WIND, and the MEAN VELOCITY, referred to Eight Points, for each each HOUR and for the DAY; and the MAXIMUM VELOCITY

JANUARY 1890.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	1	20	1	23	1	21	1	20	1	18	1	18	0	—	0	—	1	14	1	12	1	17	1	15
NE	0	—	1	9	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
E	1	11	2	10	3	10	3	11	3	11	2	12	2	11	2	9	2	10	1	9	1	9	1	8
SE	0	—	0	—	0	—	1	8	1	7	1	8	0	—	1	7	1	8	1	7	1	7	1	6
S	6	17	4	20	4	22	5	19	6	19	5	16	6	16	8	13	7	17	6	18	8	17	7	20
SW	12	15	14	16	16	14	15	15	14	15	14	15	12	16	10	17	10	17	13	17	10	20	12	18
W	5	14	3	12	2	9	2	12	2	15	4	15	5	15	5	13	6	13	4	15	7	18	6	24
NW	0	—	1	8	1	7	1	8	1	7	0	—	2	19	3	12	0	—	1	11	1	16	1	11
Calms	6	—	5	—	4	—	3	—	3	—	4	—	4	—	2	—	4	—	4	—	2	—	2	—
Mean Velocity irrespective of Direction	—	12	—	13	—	13	—	13	—	14	—	13	—	13	—	13	—	13	—	14	—	16	—	17

FEBRUARY.

N	2	11	2	11	4	10	4	11	2	11	3	11	4	12	5	11	5	12	6	12	4	14	4	13
NE	9	13	9	13	9	12	7	12	10	12	8	13	6	13	4	12	5	13	5	13	9	16	10	18
E	7	13	8	13	6	15	7	16	6	16	6	16	8	16	9	17	9	18	10	17	7	18	6	17
SE	7	14	7	18	1	22	1	17	1	15	1	19	0	—	0	—	0	—	0	—	1	11	2	13
S	1	7	1	7	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	12	1	18	1	22
SW	3	13	1	12	2	10	2	10	2	9	1	11	1	11	1	8	2	8	0	—	0	—	1	6
W	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	7	1	10	1	7
NW	0	—	0	—	0	—	0	—	0	—	1	12	0	—	0	—	0	—	0	—	0	—	0	—
Calms	7	—	6	—	6	—	7	—	7	—	8	—	9	—	9	—	7	—	5	—	5	—	3	—
Mean Velocity irrespective of Direction	—	9	—	10	—	10	—	10	—	10	—	10	—	9	—	9	—	11	—	12	—	13	—	14

MARCH.

N	3	13	3	13	3	11	2	13	2	13	1	11	1	11	3	13	2	20	3	14	2	19	3	19
NE	1	21	1	23	1	21	1	21	1	19	2	18	2	17	1	9	2	12	3	16	3	21	2	17
E	4	—	0	—	0	—	0	—	1	14	0	—	0	—	0	—	0	—	0	—	1	18	1	15
SE	1	11	1	11	1	12	1	11	0	—	1	15	1	15	1	15	1	8	1	15	1	18	0	—
S	3	10	3	9	3	11	2	10	3	11	2	10	3	14	4	13	5	14	6	17	5	20	5	19
SW	11	13	11	11	11	11	9	11	9	11	9	12	10	11	12	12	11	12	6	15	7	14	9	14
W	5	13	6	13	3	11	5	12	3	15	6	13	5	13	5	16	6	18	8	16	10	15	8	16
NW	1	21	1	22	2	21	2	21	2	18	2	17	2	17	1	11	2	14	1	24	2	12	3	16
Calms	6	—	5	—	7	—	9	—	10	—	8	—	7	—	4	—	2	—	3	—	0	—	0	—
Mean Velocity irrespective of Direction	—	10	—	10	—	9	—	9	—	9	—	10	—	10	—	11	—	13	—	15	—	16	—	16

APRIL.

N	3	12	3	13	2	11	0	—	3	14	2	12	5	10	4	11	6	11	5	10	3	9	2	10
NE	4	13	4	14	6	13	7	12	5	12	4	12	7	13	6	14	7	20	6	16	8	17	7	17
E	4	11	3	13	1	20	2	16	2	15	3	15	2	14	4	18	2	19	5	17	5	23	6	22
SE	0	—	0	—	2	8	0	—	0	—	0	—	0	—	2	10	2	13	2	17	1	13	0	—
S	1	7	1	6	0	—	0	—	1	16	0	—	3	8	1	10	2	14	1	11	3	8	1	14
SW	4	10	4	9	4	9	3	10	2	13	4	14	3	20	4	16	3	18	4	18	3	20	6	15
W	2	10	2	10	1	11	1	11	1	11	4	9	2	12	1	20	1	22	1	23	2	8	1	19
NW	2	13	2	11	2	13	2	13	1	13	1	6	1	11	3	17	3	15	3	17	5	19	7	14
Calms	11	—	12	—	12	—	15	—	15	—	12	—	7	—	5	—	4	—	3	—	0	—	0	—
Mean Velocity irrespective of Direction	—	7	—	7	—	7	—	6	—	7	—	7	—	10	—	12	—	14	—	14	—	16	—	17

LAT. 51° 28' N. LONG. 0° 19' W.

Hour and for the Day, for each Calendar Month. Also the MEAN VELOCITY irrespective of DIRECTION, for observed during the MONTH from each of the Eight Points.

JANUARY 1890.

P.M.																				Midt.		Monthly Totals and Means.		Maximum Velocity.		
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.					24.	
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	
0	—	0	—	2	11	1	10	1	13	1	15	1	20	0	—	1	17	1	19	1	20	1	23	20	17	23
0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	19	0	—	0	—	0	—	1	6	3	11	19
1	7	1	10	1	11	1	10	1	11	1	11	1	12	1	13	1	13	1	11	1	9	1	11	35	10	15
1	8	1	9	2	12	1	9	0	—	1	7	1	8	1	9	0	—	0	—	1	8	0	—	17	8	15
7	17	6	18	4	19	8	18	10	17	7	19	7	17	7	19	7	18	9	19	8	20	8	19	160	18	41
11	23	11	22	14	20	12	19	9	22	11	19	12	20	11	20	11	20	8	20	12	17	13	15	287	18	42
5	20	6	22	4	22	2	18	3	13	4	12	2	10	3	9	4	9	6	10	1	9	2	11	93	15	31
4	13	4	10	3	11	4	15	2	21	3	15	1	28	1	19	0	—	0	—	1	7	0	—	35	13	35
2	—	2	—	1	—	2	—	5	—	3	—	6	—	6	—	7	—	6	—	6	—	5	—	94	—	—
—	17	—	17	—	17	—	16	—	15	—	15	—	14	—	14	—	13	—	14	—	13	—	13	—	14	—

FEBRUARY.

4	14	6	15	6	15	6	15	5	12	2	16	3	12	3	13	4	11	3	11	3	10	3	14	93	12	22
8	17	7	14	6	18	6	16	7	15	8	16	7	14	7	14	7	16	8	16	8	14	7	12	177	14	30
7	19	6	21	6	20	7	19	7	19	6	18	9	16	10	15	9	15	8	11	8	13	9	13	181	16	31
2	14	3	16	1	16	1	15	2	10	4	9	1	14	0	—	1	14	1	16	1	18	1	16	27	14	22
1	22	2	15	1	22	1	20	1	14	1	12	1	13	1	13	1	14	1	12	1	12	1	8	18	14	22
2	8	0	—	1	11	1	11	1	11	0	—	0	—	0	—	0	—	1	15	1	15	1	15	22	10	15
0	—	1	6	0	—	0	—	1	13	1	13	1	13	1	15	1	13	0	—	0	—	1	7	10	10	15
2	10	1	11	3	11	2	13	1	6	0	—	0	—	1	6	1	6	0	—	1	7	0	—	13	10	14
2	—	2	—	4	—	4	—	5	—	6	—	6	—	5	—	4	—	6	—	5	—	5	—	131	—	—
—	14	—	14	—	14	—	14	—	13	—	12	—	11	—	12	—	12	—	10	—	11	—	10	—	11	—

MARCH.

2	21	2	14	1	18	1	16	2	17	3	17	2	14	3	15	1	11	3	13	4	12	4	13	56	14	27
2	16	3	22	1	26	3	20	2	19	1	11	2	18	2	14	3	14	2	15	2	15	2	14	45	17	28
1	21	1	15	2	19	0	—	0	—	1	21	1	11	1	14	1	13	1	11	0	—	0	—	12	16	27
1	22	2	20	2	18	2	17	2	18	1	11	1	10	1	9	1	7	1	13	1	9	1	9	26	14	22
3	18	3	14	2	16	2	16	3	13	3	14	2	12	5	12	4	10	3	10	1	8	3	10	78	13	27
10	16	8	16	9	16	8	17	10	17	11	14	14	13	9	13	9	12	12	12	10	11	13	12	238	13	30
8	18	9	17	7	14	9	17	7	13	5	13	5	10	4	12	7	11	3	12	7	12	3	14	144	14	25
4	17	3	17	7	14	5	15	4	12	2	9	2	7	3	8	3	12	1	19	1	19	1	20	57	15	26
0	—	0	—	0	—	1	—	1	—	4	—	2	—	3	—	2	—	5	—	5	—	4	—	88	—	—
—	17	—	17	—	16	—	16	—	15	—	12	—	11	—	11	—	11	—	10	—	10	—	11	—	12	—

APRIL.

5	14	7	14	2	15	8	12	6	11	5	10	3	13	5	11	5	11	3	8	5	9	5	9	97	11	22
5	17	6	19	8	19	5	21	5	21	5	18	3	21	3	19	3	17	5	16	4	13	4	12	127	16	30
5	24	5	23	3	22	4	23	6	19	6	18	6	17	6	15	6	17	4	15	5	12	4	12	99	18	39
2	16	0	—	2	14	0	—	0	—	1	10	2	8	0	—	0	—	1	6	1	6	0	—	18	11	20
0	—	1	15	1	16	2	15	3	13	4	14	4	12	2	11	1	14	0	—	0	—	1	11	33	12	20
3	18	3	17	2	20	4	18	1	22	2	12	2	12	4	11	4	11	5	11	5	11	4	9	83	14	27
3	18	2	18	5	18	2	9	5	16	2	16	2	9	2	8	2	10	2	9	2	10	1	6	48	13	29
6	14	4	16	4	12	3	21	2	18	2	18	2	10	2	10	3	8	1	9	2	9	2	10	64	14	25
1	—	2	—	3	—	2	—	2	—	3	—	6	—	6	—	6	—	9	—	6	—	9	—	151	—	—
—	17	—	16	—	16	—	16	—	15	—	13	—	11	—	10	—	10	—	8	—	8	—	7	—	11	—

KEW.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and the

MAY 1890.

Points.	A.M.																				Noon.			
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	2	8	1	7	3	12	2	10	1	9	3	11	5	11	4	13	4	13	3	10	2	12	3	12
NE	5	13	7	11	5	11	5	11	6	10	5	11	4	12	5	11	4	15	5	12	8	15	5	12
E	4	9	2	8	3	9	3	10	2	8	2	10	2	13	5	13	4	14	5	19	3	25	6	20
SE	1	15	1	7	0	—	1	6	2	9	2	12	3	11	0	—	2	11	1	11	2	9	1	15
S	3	11	3	11	2	12	3	9	3	13	4	10	4	11	5	15	4	18	5	17	6	19	6	16
SW	1	14	2	16	3	15	3	15	3	12	1	9	2	14	2	10	2	15	4	15	4	14	5	15
W	2	7	1	8	1	7	0	—	0	—	2	15	3	15	2	13	2	15	2	12	3	13	2	16
NW	1	7	1	8	1	8	0	—	3	8	3	8	2	9	4	9	4	10	3	20	1	11	2	13
Calms	12	—	13	—	13	—	14	—	11	—	9	—	6	—	4	—	5	—	3	—	2	—	1	—
Mean Velocity irrespective of Direction	—	6	—	6	—	7	—	6	—	6	—	7	—	9	—	11	—	12	—	13	—	15	—	15

JUNE.

N	0	—	0	—	1	9	2	9	2	8	1	11	2	12	1	12	3	12	2	11	4	11	3	10
NE	2	7	2	7	2	7	0	—	1	7	0	—	0	—	0	—	0	—	0	—	0	—	0	—
E	0	—	0	—	0	—	0	—	0	—	1	7	1	10	1	11	1	6	0	—	0	—	0	—
SE	0	—	0	—	0	—	0	—	0	—	1	14	0	—	1	16	1	17	1	15	1	18	1	17
S	3	9	3	10	3	8	2	9	3	12	3	12	2	17	1	13	3	10	3	13	4	14	6	13
SW	9	9	7	9	8	11	11	9	9	10	11	10	10	10	9	12	10	12	11	11	9	13	9	13
W	6	8	7	7	5	7	5	7	6	7	6	8	7	9	7	9	6	11	8	11	7	12	5	14
NW	1	11	1	11	1	9	1	8	2	8	2	8	3	9	5	10	2	11	2	9	2	11	4	9
Calms	9	—	10	—	10	—	9	—	7	—	5	—	5	—	5	—	4	—	3	—	5	—	2	—
Mean Velocity irrespective of Direction	—	6	—	6	—	6	—	6	—	7	—	8	—	9	—	9	—	10	—	10	—	12	—	12

JULY.

N	1	7	3	10	3	10	1	18	2	13	2	12	3	15	5	12	3	17	4	14	3	10	5	15
NE	2	13	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	8	0	—	0	—	0	—
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	6	0	—	0	—	0	—	0	—
SE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
S	3	15	3	15	5	14	4	14	3	13	4	14	3	15	2	16	0	—	1	13	3	16	8	17
SW	9	9	9	9	7	10	11	8	13	10	11	10	8	12	11	13	11	14	9	15	10	14	11	14
W	5	7	4	7	5	8	4	8	4	8	5	8	7	10	6	10	5	10	7	9	8	12	10	17
NW	3	7	3	7	3	7	1	7	1	6	4	8	5	8	5	10	10	10	9	9	6	10	3	11
Calms	8	—	9	—	8	—	10	—	8	—	5	—	5	—	1	—	1	—	1	—	1	—	0	—
Mean Velocity irrespective of Direction	—	7	—	7	—	7	—	7	—	7	—	8	—	10	—	11	—	12	—	11	—	13	—	13

AUGUST.

N	1	7	0	—	0	—	0	—	1	7	2	8	1	11	3	9	5	9	4	11	3	11	3	10
NE	5	9	5	9	5	8	5	9	6	9	4	8	5	10	5	11	3	12	4	11	4	12	5	11
E	0	—	0	—	0	—	0	—	0	—	1	13	0	—	0	—	1	13	1	16	1	7	2	11
SE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
S	2	11	4	11	3	14	4	13	3	17	3	18	3	17	2	14	2	16	2	14	1	15	2	10
SW	7	12	7	10	6	11	7	10	7	11	7	11	9	13	10	15	7	18	8	16	12	16	7	15
W	4	10	5	9	5	7	3	9	3	7	3	7	2	9	3	11	7	10	5	9	4	9	8	14
NW	0	—	1	7	1	6	1	6	0	—	0	—	1	8	1	8	1	7	3	11	4	9	4	9
Calms	12	—	9	—	11	—	11	—	11	—	11	—	10	—	7	—	5	—	4	—	2	—	2	—
Mean Velocity irrespective of Direction	—	6	—	7	—	6	—	6	—	7	—	7	—	8	—	10	—	11	—	11	—	12	—	11

KEW.

MEAN VELOCITY, &c. for each CALENDAR MONTH—continued.

MAY 1890.

P.M.																				Midt.		Monthly Totals and Means.		Maximum Velocity.		
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.					24.	
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.				No.	V.
4	13	2	10	4	11	4	12	2	12	4	12	3	14	4	14	3	11	3	10	2	7	2	8	70	11	19
3	18	6	18	4	12	4	15	4	14	2	16	2	19	2	16	4	15	5	14	5	14	6	12	111	13	28
6	18	4	17	6	20	6	19	7	17	8	16	7	13	7	12	5	11	4	9	4	11	2	11	107	15	31
3	17	2	8	1	13	0	—	1	8	2	9	2	10	1	6	0	—	2	8	2	10	1	11	33	10	29
6	15	8	18	9	15	7	15	8	15	9	12	6	10	7	8	5	9	3	8	1	11	2	10	119	13	31
3	16	3	16	2	19	4	13	1	17	0	—	2	11	2	8	2	12	2	11	2	10	2	10	57	14	26
2	15	1	12	3	9	2	15	2	14	3	12	2	11	2	9	1	9	5	7	1	7	1	7	41	12	18
3	12	4	12	2	14	2	15	3	13	2	11	2	12	1	12	1	11	1	9	0	—	1	7	47	11	18
1	—	1	—	0	—	2	—	3	—	1	—	5	—	5	—	10	—	10	—	14	—	14	—	159	—	—
—	15	—	14	—	14	—	14	—	13	—	13	—	10	—	9	—	8	—	7	—	6	—	6	—	10	—

JUNE.

3	10	0	—	2	13	1	15	0	—	1	18	1	17	2	12	1	12	1	10	2	8	1	9	36	11	20
0	—	1	18	0	—	0	—	2	14	0	—	0	—	0	—	0	—	1	7	1	8	1	8	13	9	18
1	15	0	—	1	6	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	9	15
1	9	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	7	15	18
2	13	3	13	3	10	5	10	2	9	4	11	4	9	3	8	4	10	4	9	6	9	5	8	81	11	20
10	14	10	15	9	14	10	14	14	14	12	13	11	12	11	12	10	10	12	9	8	9	7	10	237	12	24
8	12	8	13	9	12	10	11	6	12	7	12	8	10	6	9	6	9	6	9	6	8	5	9	160	10	21
3	7	4	8	2	9	2	9	1	9	1	6	1	13	2	8	2	9	1	10	1	10	0	—	46	9	13
2	—	4	—	4	—	2	—	5	—	5	—	5	—	6	—	7	—	5	—	6	—	11	—	134	—	—
—	21	—	11	—	11	—	11	—	11	—	10	—	9	—	8	—	7	—	7	—	7	—	6	—	9	—

JULY.

2	14	4	16	4	14	5	10	3	11	4	11	2	9	4	9	2	9	3	7	4	6	3	7	75	12	27
0	—	0	—	1	8	1	9	1	6	1	10	0	—	0	—	0	—	2	10	1	9	1	13	11	10	16
0	—	0	—	1	10	0	—	0	—	1	6	0	—	0	—	1	7	0	—	0	—	0	—	4	7	10
0	—	0	—	0	—	0	—	0	—	1	6	0	—	0	—	1	6	1	6	0	—	0	—	3	6	6
2	17	3	15	3	15	5	14	5	13	3	16	3	14	6	12	5	11	3	11	4	10	4	12	79	14	22
8	14	8	15	8	16	9	15	9	14	11	11	12	12	7	11	9	10	8	10	8	10	6	11	223	12	25
11	11	9	11	11	11	8	12	4	12	5	11	4	10	5	9	3	7	5	7	4	9	5	7	144	10	19
7	12	7	11	1	8	1	16	6	11	2	10	4	8	2	10	4	7	3	7	4	7	3	8	97	9	18
1	—	0	—	2	—	2	—	3	—	3	—	6	—	7	—	6	—	6	—	6	—	9	—	108	—	—
—	12	—	13	—	12	—	12	—	11	—	10	—	9	—	8	—	7	—	7	—	7	—	7	—	10	—

AUGUST.

2	10	3	9	2	11	2	10	2	9	2	8	0	—	0	—	0	—	0	—	0	—	0	—	36	9	12
3	11	3	12	4	10	5	13	3	14	2	13	1	14	3	12	1	11	3	10	4	10	4	10	90	10	18
1	12	1	15	1	15	0	—	1	15	3	11	4	12	2	10	4	11	2	12	2	13	1	11	28	12	16
1	9	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	9	9
1	18	2	13	1	17	1	17	5	14	2	10	2	9	2	10	5	11	4	12	3	13	4	15	63	13	26
13	15	10	14	12	14	8	15	6	14	11	13	9	12	9	10	8	10	6	11	7	11	5	12	198	13	29
4	10	8	12	4	11	7	13	7	11	4	10	6	8	4		3	7	3	7	3	7	3	7	108	10	23
5	8	4	9	6	9	5	9	4	8	2	7	2	9	1	8	1	6	1	7	0	—	2	6	50	8	11
1	—	0	—	1	—	5	—	3	—	5	—	7	—	10	—	9	—	12	—	12	—	12	—	170	—	—
—	12	—	12	—	12	—	11	—	11	—	9	—	8	—	7	—	7	—	6	—	7	—	7	—	9	—

KEW.

TABLE XI.—NUMBER of OBSERVATIONS of WIND and the
SEPTEMBER 1890.

Points.	A.M.																						Noon.	
	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		12.	
	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.
N	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	7	0	—	0	—
NE	0	—	0	—	0	—	0	—	1	6	1	11	1	7	1	6	0	—	0	—	0	—	0	—
E	1	9	1	8	0	—	0	—	0	—	0	—	0	—	1	8	2	10	2	12	2	15	0	—
SE	3	8	3	9	1	11	1	12	1	11	1	7	2	8	3	9	3	8	3	10	3	12	5	12
S	2	9	2	10	3	9	3	9	2	8	1	11	1	13	4	12	6	16	4	18	6	22	6	16
SW	5	8	4	10	5	9	8	8	7	9	5	9	7	9	9	9	7	11	8	13	8	11	8	14
W	2	9	3	7	2	7	1	7	2	7	1	8	2	7	1	7	4	10	3	8	5	10	3	11
NW	1	8	0	—	0	—	0	—	0	—	0	—	0	—	2	7	1	6	1	6	1	6	3	7
Calms	16	—	17	—	19	—	17	—	17	—	21	—	17	—	9	—	7	—	8	—	5	—	5	—
Mean Velocity irrespective of Direction	—	4	—	4	—	3	—	4	—	4	—	3	—	4	—	6	—	9	—	9	—	11	—	11

OCTOBER.

N	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	6	2	9
NE	1	13	2	9	1	8	1	7	2	8	1	6	1	11	1	11	1	13	1	16	1	16	1	14
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	8	0	—	0	—
SE	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	7
S	0	—	0	—	2	9	0	—	0	—	3	15	2	19	1	11	2	15	1	10	3	13	1	14
SW	9	11	9	11	9	11	11	10	10	11	10	9	10	10	10	14	7	13	6	17	6	17	9	14
W	4	10	6	9	5	10	2	11	4	10	2	10	2	9	2	12	5	13	7	12	7	15	6	14
NW	5	8	3	10	4	10	7	9	6	10	5	10	7	9	5	10	5	12	6	13	7	13	7	14
Calms	12	—	12	—	10	—	10	—	9	—	10	—	9	—	12	—	11	—	9	—	6	—	3	—
Mean Velocity irrespective of Direction	—	6	—	6	—	7	—	7	—	7	—	7	—	8	—	8	—	8	—	10	—	12	—	12

NOVEMBER.

N	1	10	1	10	2	11	3	11	3	8	4	11	3	13	3	13	3	13	3	13	4	13	5	12
NE	3	13	3	12	2	11	2	10	2	14	1	12	1	13	2	10	2	11	1	16	2	15	1	22
E	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	8	1	7	0	—	0	—
SE	1	14	1	15	1	16	1	16	1	16	1	16	0	—	1	22	1	25	0	—	0	—	0	—
S	4	16	4	18	2	18	3	16	2	16	2	15	4	16	1	6	1	10	1	21	1	7	3	11
SW	6	15	4	11	6	14	4	12	5	10	5	10	4	10	7	12	5	9	5	11	8	14	6	11
W	2	7	6	12	5	11	9	14	9	15	7	16	7	16	5	17	7	17	9	15	6	19	8	15
NW	3	16	3	12	5	12	1	12	1	11	1	12	3	11	3	10	2	11	2	14	3	17	3	16
Calms	10	—	8	—	7	—	7	—	7	—	9	—	8	—	8	—	8	—	8	—	6	—	4	—
Mean Velocity irrespective of Direction	—	9	—	9	—	10	—	10	—	10	—	9	—	10	—	9	—	10	—	10	—	12	—	11

DECEMBER.

N	1	10	0	—	1	9	3	10	3	12	3	13	3	14	2	17	1	15	0	—	2	17	1	13
NE	6	15	8	15	8	17	7	15	6	16	7	16	8	16	7	18	8	18	12	16	11	14	12	15
E	5	13	6	12	5	12	7	13	6	13	5	14	4	13	6	13	7	14	4	12	5	16	5	13
SE	1	20	0	—	1	7	0	—	0	—	1	8	0	—	0	—	0	—	0	—	0	—	0	—
S	1	6	1	9	0	—	0	—	0	—	0	—	0	—	0	—	1	6	0	—	0	—	0	—
SW	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
W	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—
NW	0	—	1	10	0	—	0	—	1	8	0	—	0	—	0	—	0	—	0	—	0	—	0	—
Calms	17	—	15	—	16	—	14	—	15	—	15	—	16	—	16	—	14	—	15	—	13	—	13	—
Mean Velocity irrespective of Direction	—	6	—	7	—	7	—	7	—	7	—	7	—	7	—	8	—	8	—	8	—	9	—	8

KEW.

MEAN VELOCITY, &c. for each CALENDAR MONTH—continued.

SEPTEMBER 1890.

P.M.																					Midt.		Monthly Totals and Means.		Maximum Velocity.	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.				
No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	No.	V.	
0	—	1	8	1	10	1	6	0	—	0	—	1	6	0	—	0	—	0	—	0	—	0	—	5	7	10
0	—	1	10	1	9	0	—	0	—	0	—	0	—	1	11	1	7	1	7	0	—	0	—	9	8	11
2	13	2	10	2	11	3	15	2	14	2	12	2	12	2	10	2	8	2	11	2	12	2	11	34	11	18
3	13	3	13	4	12	4	10	6	10	3	8	5	8	4	9	4	9	3	8	1	8	1	6	70	10	18
7	16	5	18	6	18	6	16	6	10	6	11	4	10	2	10	3	9	4	7	4	11	1	13	94	13	28
9	14	8	13	5	15	4	14	5	12	4	12	6	11	4	14	4	14	6	11	5	8	5	11	146	11	24
4	9	6	10	5	9	6	10	4	9	4	10	4	8	4	7	3	8	4	7	4	7	4	8	81	9	15
2	10	2	8	4	11	4	9	4	8	1	8	1	7	3	8	2	7	3	7	2	7	1	7	38	8	14
3	—	2	—	2	—	2	—	3	—	10	—	7	—	10	—	11	—	7	—	12	—	16	—	243	—	—
—	12	—	12	—	12	—	11	—	9	—	7	—	7	—	6	—	6	—	7	—	5	—	4	—	7	—

OCTOBER.

0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	11	0	—	1	13	1	16	1	15	7	11	16
1	14	1	11	1	12	1	12	1	8	1	6	0	—	0	—	1	6	1	6	0	—	0	—	22	10	16
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	8	8
2	9	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	8	9
1	17	4	12	2	6	1	6	0	—	0	—	0	—	0	—	0	—	0	—	1	6	0	—	24	12	26
9	13	6	13	11	13	6	12	6	11	6	12	9	11	9	10	8	10	9	9	7	9	6	9	198	12	26
6	13	10	11	6	12	8	13	7	10	7	11	5	12	4	11	7	10	4	9	5	10	6	11	127	11	27
7	13	5	15	7	13	7	11	5	12	4	11	3	11	3	11	3	10	4	13	4	12	4	9	123	11	21
5	—	5	—	4	—	8	—	12	—	13	—	14	—	14	—	12	—	12	—	13	—	14	—	238	—	—
—	11	—	10	—	10	—	9	—	7	—	6	—	6	—	6	—	6	—	6	—	6	—	5	—	8	—

NOVEMBER.

3	13	3	12	2	15	1	13	1	14	2	14	4	14	3	14	2	9	1	8	1	9	1	10	59	12	18
2	17	2	16	3	13	4	14	4	14	3	13	1	23	2	14	3	16	3	13	3	14	3	13	54	14	23
1	16	1	15	1	11	1	8	0	—	0	—	0	—	0	—	1	7	1	10	1	15	0	—	9	11	16
0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	8	3	17	1	9	1	15	1	15	15	16	31
5	11	5	11	8	11	8	12	6	10	6	10	6	13	5	14	3	12	3	20	3	22	4	17	90	13	30
6	12	5	12	1	15	3	8	4	12	4	11	3	9	4	13	5	11	3	8	4	9	6	16	113	12	28
7	16	7	15	9	15	7	13	4	14	6	12	5	14	5	13	5	14	7	16	7	15	4	11	153	15	36
3	16	4	13	2	14	1	36	2	22	2	21	1	31	2	21	2	21	2	18	2	17	2	15	55	15	36
3	—	3	—	4	—	5	—	9	—	7	—	10	—	8	—	6	—	9	—	8	—	9	—	172	—	—
—	13	—	12	—	12	—	11	—	9	—	9	—	10	—	10	—	11	—	10	—	11	—	10	—	10	—

DECEMBER.

2	12	2	13	2	13	1	8	3	10	1	6	1	10	1	8	1	11	1	11	1	10	1	10	37	12	22
9	17	13	15	12	17	10	14	12	14	9	14	8	14	9	13	9	13	8	15	9	14	7	12	215	15	32
5	15	3	15	3	12	8	16	6	15	10	15	11	13	8	14	9	14	7	11	7	12	9	12	151	13	35
1	10	0	—	0	—	0	—	1	6	0	—	0	—	2	9	1	9	2	13	2	13	1	19	13	11	20
0	—	2	8	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	7	9
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—
0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	6	0	—	0	—	0	—	1	6	6
0	—	0	—	0	—	0	—	0	—	0	—	1	6	1	6	0	—	0	—	0	—	0	—	4	8	10
14	—	11	—	14	—	12	—	9	—	11	—	10	—	10	—	10	—	13	—	12	—	13	—	318	—	—
—	8	—	9	—	9	—	9	—	9	—	9	—	9	—	8	—	9	—	8	—	8	—	7	—	8	—

KEW OBSERVATORY.

TABLE XII.—MEANS and EXTREMES of PRESSURE and TEMPERATURE, and AMOUNTS of RAINFALL for each DAY of the YEAR.

JANUARY 1890.										FEBRUARY 1890.											
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.			PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.		
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.				
				Dry.	Difference. (Dry—Wet.)									Dry.	Difference. (Dry—Wet.)					Dry.	Difference. (Dry—Wet.)
1	ins.	ins.	ins.	27°4	0°3	33°7	21°9	in.			ins.	ins.	ins.	40°2	0°6	49°0	43°8	in.		1	
2	30°346	30°383	30°312	27°4	0°3	33°7	21°9	—			30°238	30°339	30°125	40°2	0°6	49°0	43°8	—		2	
3	30°084	30°312	29°842	33°0	0°8	34°6	30°8	°010			30°220	30°438	30°081	42°8	2°2	48°4	32°8	°005		3	
4	29°679	29°842	29°590	34°1	0°7	36°2	31°8	°160			30°398	30°455	30°299	35°1	1°3	45°0	28°9	°005		4	
5	29°693	29°771	29°582	42°2	1°0	46°2	36°1	°020			30°142	30°299	30°047	32°4	0°5	39°1	28°2	—		5	
6	29°790	29°999	29°692	48°4	1°6	51°3	43°9	°275			30°098	30°186	30°030	39°5	1°5	43°9	36°1	°020		6	
7	30°213	30°332	29°999	51°5	1°0	53°5	49°3	°095			30°231	30°311	30°175	37°8	2°4	41°0	34°8	—		7	
8	30°337	30°353	30°311	51°0	2°1	53°8	47°7	—			30°374	30°407	30°311	38°5	2°7	41°0	34°3	—		8	
9	30°214	30°333	30°101	48°5	1°2	51°2	43°1	°130			30°354	30°407	30°291	36°2	2°5	41°0	32°4	—		9	
10	30°113	30°269	29°865	44°7	1°3	52°9	37°1	°155			30°186	30°291	30°140	36°6	2°6	38°3	33°7	—		10	
11	30°034	30°212	29°878	46°8	3°8	53°1	40°3	—			30°259	30°325	30°164	36°5	2°0	44°8	31°2	—		11	
12	30°154	30°230	30°068	44°7	1°1	51°1	38°9	°005			30°213	30°324	30°086	34°4	1°6	42°0	27°5	°010		12	
13	30°190	30°310	30°040	46°8	2°8	51°8	32°6	°010			29°891	30°086	29°702	33°7	2°5	41°1	29°5	—		13	
14	30°129	30°255	30°056	45°8	1°1	51°8	34°2	°005			29°706	29°769	29°662	34°7	2°2	40°1	29°1	°005		14	
15	30°123	30°211	30°002	44°9	1°0	50°1	38°0	°010			29°824	29°860	29°769	38°6	1°1	41°1	36°5	°015		15	
16	30°095	30°134	30°001	48°5	1°9	49°5	47°3	—			29°513	29°771	29°373	36°5	0°8	39°8	33°2	°810		16	
17	30°111	30°135	30°095	48°1	1°5	52°2	45°9	—			29°712	29°781	29°574	40°4	2°2	48°9	34°2	°005		17	
18	30°020	30°100	29°861	45°1	2°0	47°8	42°1	—			29°842	29°980	29°736	42°4	2°1	49°8	38°5	—		18	
19	29°658	29°861	29°461	46°1	2°6	50°4	42°6	°130			30°085	30°178	29°980	41°4	1°7	46°3	38°7	—		19	
20	29°453	29°490	29°417	45°5	2°5	51°0	39°8	°190			30°187	30°222	30°151	39°5	1°8	42°6	36°9	—		20	
21	29°457	29°491	29°386	39°3	2°5	43°8	35°9	—			30°077	30°151	30°039	38°1	1°2	39°1	37°1	°010		21	
22	29°522	29°654	29°278	39°8	2°0	44°7	33°8	°050			30°181	30°301	30°092	37°5	0°7	40°1	34°8	—		22	
23	29°146	29°293	28°959	40°8	2°8	43°9	38°4	°085			30°467	30°608	30°301	39°2	1°8	42°6	36°1	—		23	
24	28°965	29°525	28°642	42°6	2°4	49°2	35°5	°090			30°639	30°680	30°599	36°2	2°7	41°9	31°9	—		24	
25	29°680	29°750	29°522	41°7	1°5	50°5	34°7	°065			30°534	30°631	30°482	38°4	1°7	45°1	31°1	—		25	
26	29°568	29°662	29°506	51°3	2°1	54°1	46°6	°065			30°403	30°493	30°268	38°9	2°2	42°4	34°5	—		26	
27	29°781	29°890	29°662	46°3	3°5	50°6	40°2	°015			30°284	30°411	30°234	39°6	2°7	43°2	37°2	°010		27	
28	29°882	30°057	29°653	45°6	5°2	51°3	40°1	°075			30°371	30°426	30°314	35°3	3°1	39°3	31°3	—		28	
29	29°782	30°040	29°635	40°3	0°8	49°2	36°4	°480			30°332	30°398	30°211	32°5	2°5	38°4	28°1	°005		29	
30	30°262	30°441	29°905	37°4	2°5	42°2	33°7	—												30	
31	30°354	30°433	30°299	41°4	2°0	46°9	33°8	°040												31	
	30°329	30°352	30°292	47°3	0°7	49°9	44°0	—													
Maximum fall in one hour } 9 a.m. 5th										0°155	Maximum fall in one hour } 5 a.m. 15th										0°125

MARCH.										APRIL.											
1	ins.	ins.	ins.	31°9	1°2	35°1	27°6	in.			ins.	ins.	ins.	40°6	3°4	47°7	35°0	in.			1
2	29°996	30°211	29°873	27°9	1°0	33°1	23°8	°015			30°292	30°355	30°243	40°6	3°4	47°7	35°0	—			2
3	30°192	30°343	29°991	28°1	2°5	31°9	22°4	°005			30°123	30°245	30°048	40°1	2°9	46°9	32°2	—			3
4	30°429	30°478	30°343	26°4	2°7	34°5	18°3	—			30°089	30°123	30°066	43°2	4°1	51°4	35°9	—			4
5	30°267	30°457	29°897	27°9	3°8	44°3	34°1	°015			30°091	30°123	30°044	42°9	4°0	56°1	32°8	—			5
6	29°856	29°901	29°800	40°0	3°8	44°3	34°1	°015			30°047	30°102	29°981	44°1	4°9	56°3	30°8	—			6
7	29°781	29°822	29°755	46°8	3°8	54°3	39°2	—			29°839	29°981	29°691	47°7	2°3	53°3	40°4	°010			7
8	29°730	29°820	29°611	46°4	3°8	52°4	40°7	—			29°549	29°691	29°444	47°9	3°3	54°7	41°3	°215			8
9	29°476	29°616	29°361	46°3	2°6	51°8	40°5	°110			29°670	29°786	29°611	42°4	4°0	50°2	37°8	°025			9
10	29°898	30°267	29°400	37°9	4°5	42°8	31°1	—			29°826	29°865	29°736	42°6	5°9	47°0	39°0	—			10
11	30°166	30°275	30°112	44°2	1°8	50°8	30°9	°215			29°750	29°862	29°662	39°9	2°8	44°0	35°8	°080			11
12	30°256	30°343	30°173	50°4	3°1	55°7	44°4	—			29°865	29°889	29°845	40°8	4°2	47°2	34°9	—			12
13	30°271	30°343	30°153	46°4	2°7	56°5	36°6	°005			29°769	29°859	29°699	40°3	3°8	49°9	33°1	—			13
14	29°977	30°153	29°869	44°7	2°7	47°7	40°3	—			29°599	29°699	29°533	42°5	3°8	51°7	31°9	°005			14
15	29°781	29°869	29°698	46°1	3°3	55°0	39°7	—			29°442	29°533	29°383	48°0	5°4	54°9	40°9	°010			15
16	29°548	29°698	29°386	46°4	2°3	52°4	40°2	—			29°348	29°395	29°315	49°6	3°5	56°9	45°6	°205			16
17	29°208	29°386	29°127	48°8	2°5	55°6	42°9	°085			29°355	29°418	29°317	51°3	3°0	59°4	46°1	°030			17
18	29°377	29°496	29°304	43°4	3°6	52°0	35°6	—			29°426	29°501	29°365	46°9	1°9	55°1	43°2	°005			18
19	29°396	29°490	29°319	41°6	3°4	52°1	32°0	°025			29°605	29°700	29°495	43°7	1°8	46°2	42°1	°070			19
20	29°427	29°475	29°328	41°7	1°7	43°2	40°0	°055			29°889	30°039	29°760	42°4	3°0	45°3	39°9	°005			20
21	29°413	29°491	29°380	40°3	2°2	44°5	35°7	°390			30°138	30°206	29°039	44°9	3°5	53°2	39°3	—			21
22	29°608	29°714	29°490	41°4	3°1	50°2	33°4	°005			30°130	30°205	30°015	49°9	2°3	56°4	42°9	—			22
23	29°736	29°754	29°714	44°7	2°2	52°9	35°3	°040			29°884	30°015	29°805	52°3	3°3	60°3	43°5	°145			23
24	29°637	29°734	29°547	45°9	1°9	50°0	42°9	°200			29°954	29°993	29°839	49°1	4°4	56°6	41°6	°200			24
25	29°383	29°648	29°143	43°5	1°4	48°8	36°3	°190			29°617	29°839	29°500	49°2	2°2	53°6	44°7				

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., Kew—cont.

MAY 1890.										JUNE 1890.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			
				Dry.	Difference. (Dry—Wet.)								Dry.	Difference. (Dry—Wet.)					
1	ins.	ins.	ins.	53° 1	5° 2	62° 5	44° 9	in.	1	ins.	ins.	ins.	51° 9	5° 7	65° 0	38° 3	in.	1	
2	29° 858	29° 918	29° 815	51° 4	4° 7	61° 3	41° 1	° 005	2	29° 915	29° 948	29° 884	57° 2	4° 9	65° 3	50° 3	—	2	
3	29° 871	29° 891	29° 853	52° 6	4° 6	65° 5	37° 9	—	3	29° 918	29° 954	29° 851	56° 1	5° 2	62° 1	50° 3	—	3	
4	29° 620	29° 755	29° 514	52° 8	4° 8	63° 1	41° 0	° 020	4	29° 835	29° 885	29° 812	56° 7	1° 4	59° 1	53° 5	° 345	4	
5	29° 554	29° 659	29° 475	52° 6	3° 6	61° 3	46° 1	° 165	5	29° 964	30° 027	29° 885	58° 2	2° 3	65° 2	53° 4	—	5	
6	29° 637	29° 667	29° 597	52° 6	3° 4	62° 1	43° 0	° 025	6	29° 953	30° 115	29° 876	58° 1	3° 9	66° 9	47° 7	—	6	
7	29° 596	29° 627	29° 555	51° 5	2° 7	61° 3	40° 1	° 045	7	30° 362	30° 327	30° 115	54° 5	6° 4	63° 9	46° 2	—	7	
8	29° 597	29° 654	29° 576	50° 8	1° 8	60° 0	42° 3	° 010	8	30° 307	30° 322	30° 068	53° 2	2° 3	63° 2	42° 7	° 175	8	
9	29° 500	29° 651	29° 397	49° 2	1° 2	51° 2	47° 0	° 520	9	30° 018	30° 068	29° 972	59° 7	4° 3	68° 8	50° 0	° 020	9	
10	29° 435	29° 453	29° 401	53° 8	3° 1	60° 6	46° 2	—	10	29° 765	29° 972	29° 659	58° 3	2° 9	70° 9	46° 2	° 185	10	
11	29° 470	29° 581	29° 380	53° 4	2° 7	63° 0	48° 3	° 210	11	29° 616	29° 689	29° 578	54° 9	2° 4	62° 2	50° 8	° 255	11	
12	29° 523	29° 583	29° 484	53° 5	3° 2	64° 1	46° 0	° 080	12	29° 645	29° 811	29° 535	56° 4	3° 2	65° 0	50° 5	° 095	12	
13	29° 574	29° 688	29° 485	55° 1	4° 6	62° 3	48° 4	° 005	13	30° 068	30° 263	29° 811	54° 8	2° 6	60° 5	51° 9	° 030	13	
14	29° 856	30° 039	29° 684	53° 8	5° 9	61° 3	47° 0	° 015	14	30° 323	30° 345	30° 263	55° 9	4° 5	62° 4	49° 4	° 005	14	
15	30° 049	30° 078	30° 020	52° 2	4° 1	60° 9	42° 4	—	15	30° 338	30° 390	30° 299	58° 7	4° 5	69° 6	49° 6	—	15	
16	29° 834	30° 020	29° 623	56° 7	4° 3	66° 9	43° 1	° 060	16	30° 174	30° 299	30° 057	61° 2	3° 8	71° 9	54° 2	—	16	
17	29° 676	29° 723	29° 602	54° 9	5° 0	61° 9	46° 4	° 040	17	29° 983	30° 057	29° 941	56° 5	3° 1	63° 9	51° 3	° 145	17	
18	29° 713	29° 741	29° 687	55° 3	3° 9	62° 4	48° 5	—	18	30° 038	30° 080	29° 978	58° 1	3° 0	65° 9	47° 7	—	18	
19	29° 655	29° 735	29° 560	57° 4	3° 4	67° 2	42° 1	° 105	19	30° 091	30° 124	30° 024	60° 6	5° 4	68° 3	54° 2	° 005	19	
20	29° 737	29° 949	29° 561	53° 7	3° 4	59° 5	49° 2	° 010	20	30° 048	30° 102	30° 006	59° 4	4° 7	67° 6	50° 6	—	20	
21	30° 131	30° 260	29° 949	55° 9	4° 8	65° 9	45° 1	—	21	30° 076	30° 124	30° 044	59° 6	4° 7	69° 3	49° 7	° 265	21	
22	30° 258	30° 288	30° 226	55° 9	5° 7	69° 9	41° 7	—	22	30° 117	30° 136	30° 105	58° 8	3° 0	66° 1	50° 8	—	22	
23	30° 149	30° 242	30° 083	59° 2	7° 6	68° 0	46° 6	—	23	30° 135	30° 149	30° 110	63° 8	2° 8	69° 2	57° 4	° 055	23	
24	29° 985	30° 083	29° 925	63° 0	7° 2	78° 4	50° 9	—	24	30° 126	30° 160	30° 088	65° 2	4° 9	75° 0	58° 1	° 010	24	
25	29° 866	29° 925	29° 813	62° 0	6° 6	72° 6	51° 2	—	25	30° 057	30° 096	30° 012	63° 3	4° 3	75° 7	54° 6	—	25	
26	29° 910	29° 950	29° 893	52° 2	6° 0	59° 1	45° 2	—	26	29° 890	30° 012	29° 816	60° 7	2° 3	67° 9	54° 0	° 305	26	
27	29° 961	30° 033	29° 934	50° 4	5° 3	59° 3	41° 1	—	27	29° 795	29° 829	29° 771	57° 7	5° 4	65° 8	50° 0	° 040	27	
28	30° 083	30° 121	30° 019	51° 9	4° 6	59° 1	42° 8	—	28	29° 779	29° 809	29° 747	54° 7	2° 8	64° 4	49° 0	° 965	28	
29	30° 067	30° 132	29° 945	54° 8	5° 1	63° 1	45° 4	—	29	29° 825	29° 879	29° 729	56° 0	4° 0	66° 7	49° 0	—	29	
30	29° 959	30° 110	29° 865	54° 3	5° 0	61° 9	43° 9	° 100	30	29° 317	29° 729	29° 147	55° 9	2° 6	64° 4	50° 9	° 410	30	
31	30° 121	30° 146	30° 102	48° 4	5° 7	57° 2	39° 3	—	31										
Maximum fall in one hour } 5 p.m. 9th									0° 145	Maximum fall in one hour } 7 p.m. 21st									0° 180
JULY.										AUGUST.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	DAYS.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Min.			
				Dry.	Difference. (Dry—Wet.)								Dry.	Difference. (Dry—Wet.)					
1	ins.	ins.	ins.	55° 5	2° 8	65° 2	49° 7	° 185	1	ins.	ins.	ins.	65° 9	4° 0	74° 6	56° 4	in.	1	
2	29° 760	29° 809	29° 622	59° 0	4° 0	67° 6	52° 6	° 010	2	29° 851	29° 903	29° 846	58° 5	2° 8	66° 2	51° 9	° 065	2	
3	29° 783	29° 863	29° 752	57° 8	4° 7	62° 2	50° 4	° 075	3	30° 133	30° 171	30° 075	62° 0	4° 1	71° 2	53° 5	—	3	
4	29° 753	29° 852	29° 570	54° 3	3° 4	62° 3	46° 9	° 085	4	30° 100	30° 220	30° 163	63° 5	3° 9	73° 2	55° 3	° 005	4	
5	29° 566	29° 726	29° 460	52° 6	2° 8	58° 7	50° 2	° 725	5	30° 146	30° 219	30° 081	64° 5	4° 3	77° 3	52° 3	—	5	
6	29° 825	29° 926	29° 726	54° 0	3° 3	60° 0	48° 0	° 005	6	30° 078	30° 096	30° 053	64° 2	4° 5	74° 3	53° 8	—	6	
7	29° 869	29° 933	29° 667	54° 9	3° 3	63° 6	47° 6	° 165	7	30° 168	30° 150	30° 096	61° 8	3° 6	69° 6	56° 3	° 005	7	
8	29° 580	29° 737	29° 488	59° 9	3° 6	68° 8	52° 5	° 035	8	30° 088	30° 140	30° 032	58° 2	4° 3	64° 2	50° 8	—	8	
9	29° 718	29° 788	29° 669	57° 7	3° 1	60° 9	54° 0	° 120	9	29° 963	30° 032	29° 867	61° 0	3° 2	66° 7	56° 9	° 005	9	
10	29° 918	29° 967	29° 788	57° 5	5° 5	65° 3	48° 0	° 150	10	29° 744	29° 867	29° 704	64° 4	2° 9	72° 1	59° 8	° 325	10	
11	29° 903	29° 969	29° 860	53° 1	3° 0	58° 4	49° 3	° 215	11	29° 706	29° 770	29° 655	63° 8	2° 9	71° 4	59° 7	° 100	11	
12	29° 912	29° 969	29° 848	54° 4	3° 9	61° 4	44° 0	—	12	29° 751	29° 767	29° 740	62° 9	3° 4	67° 9	56° 7	° 010	12	
13	29° 830	29° 848	29° 817	60° 2	2° 8	67° 6	53° 6	—	13	29° 725	29° 755	29° 683	58° 8	5° 2	66° 5	53° 6	° 005	13	
14	29° 827	29° 853	29° 783	62° 0	2° 8	67° 4	59° 0	—	14	29° 738	29° 767	29° 713	58° 8	3° 8	65° 3	52° 1	° 030	14	
15	29° 903	30° 040	29° 805	63° 9	5° 9	71° 1	56° 9	° 005	15	29° 641	29° 725	29° 559	60° 8	4° 6	68° 0	56° 7	° 050	15	
16	30° 043	30° 076	30° 012	62° 9	5° 7	73° 9	50° 4	° 005	16	29° 779	29° 929	29° 690	59° 9	5° 5	66° 0	52° 2	° 030	16	
17	29° 855	30° 013	29° 731	63° 4	2° 8	70° 3	58° 7	° 720	17	29° 908	29° 942	29° 870	59° 0	4° 8	69° 1	49° 2	—	17	
18	29° 814	29° 860	29° 752	59° 7	3° 0	66° 6	56° 1	° 715	18	29° 811	29° 872	29° 756	59° 9	4° 0	68° 7	52° 4	° 005	18	
19	29° 901	30° 154	29° 690	57° 4	2° 9	62° 3	50° 4	° 260	19	29° 798	29° 843	29° 720	56° 7	1° 9	58° 7	54° 1	° 305	19	
20	30° 199	30° 228	30° 154	57° 3	5° 1	66° 3	47° 1	° 005	20	29° 890	30° 003	29° 821	59° 9	4° 2	67° 2	55° 8	° 530	20	
21	30° 161	30° 209	30° 105	60° 0	3° 2	68° 1	51° 1	—	21	29° 985	30° 019	29° 947	60° 0	3° 3	64° 7	56° 0	° 040	21	
22	30° 056	30° 105	30° 027	64° 9	5° 9	71° 9	57° 8	—	22	30° 017	30° 075	29° 902	59° 2	5° 4	65° 9	52° 2	—	22	
23	30° 090	30° 142	30° 000	64° 2	4° 5	74° 3	54° 1	—	23	29° 719	29° 902	29° 648	60° 1	4° 9	66° 1	50° 3	° 090	23</	

TABLE XII.—DAILY MEANS and EXTREMES of PRESSURE and TEMPERATURE, &c., Kew—*cont.*

SEPTEMBER 1890.										OCTOBER 1890.									
DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.		DAYS.	PRESSURE.			TEMPERATURE.				RAIN-FALL.	
	Means 24 hrs.	Max.	Min.	Means 24 hrs.		Max.	Means 24 hrs.				Max.	Min.							
				Dry.	Difference. (Dry—Wet.)		Dry.						Difference. (Dry—Wet.)						
1	ins. 30° 281	ins. 30° 321	ins. 30° 248	51° 4	4° 0	63° 3	36° 9	in. 0° 05		1	ins. 29° 786	ins. 29° 984	ins. 29° 698	57° 0	4° 5	62° 5	49° 2	in. 0° 40	
2	30° 227	30° 266	30° 207	56° 9	2° 8	64° 2	49° 2	—		2	30° 288	30° 375	29° 984	49° 3	4° 7	58° 7	41° 6	—	
3	30° 208	30° 234	30° 191	59° 7	2° 4	66° 1	52° 4	0° 00		3	30° 271	30° 370	30° 209	53° 5	4° 5	64° 3	43° 5	—	
4	30° 276	30° 320	30° 229	61° 3	3° 1	69° 4	55° 0	—		4	30° 184	30° 225	30° 154	58° 5	3° 7	66° 2	49° 2	—	
5	30° 319	30° 365	30° 294	62° 2	3° 5	72° 4	53° 2	—		5	30° 150	30° 189	30° 093	57° 8	2° 9	63° 3	50° 9	—	
6	30° 355	30° 411	30° 314	62° 1	3° 2	71° 8	52° 8	0° 10		6	30° 051	30° 093	30° 027	58° 8	3° 2	64° 4	55° 1	0° 10	
7	30° 429	30° 459	30° 407	58° 4	3° 2	68° 2	50° 0	—		7	29° 982	30° 073	29° 903	58° 1	1° 6	60° 9	53° 2	0° 20	
8	30° 394	30° 441	30° 347	57° 8	3° 0	71° 6	45° 0	0° 05		8	30° 333	30° 462	30° 073	51° 4	4° 1	58° 9	44° 2	—	
9	30° 284	30° 347	30° 212	58° 3	2° 5	72° 1	46° 8	0° 05		9	30° 416	30° 467	30° 370	45° 2	2° 2	58° 7	36° 4	0° 05	
10	30° 147	30° 212	30° 099	59° 8	3° 8	72° 4	49° 0	0° 05		10	30° 335	30° 370	30° 299	46° 5	2° 5	61° 0	34° 0	0° 05	
11	30° 160	30° 223	30° 120	60° 0	5° 2	69° 7	50° 9	—		11	30° 338	30° 376	30° 314	49° 1	2° 6	64° 6	38° 4	0° 05	
12	30° 231	30° 258	30° 204	57° 6	3° 9	68° 3	47° 0	—		12	30° 383	30° 412	30° 359	46° 6	2° 6	63° 9	37° 9	0° 10	
13	30° 210	30° 226	30° 187	55° 1	2° 7	68° 0	46° 0	0° 05		13	30° 396	30° 381	30° 278	44° 7	2° 5	63° 0	34° 4	0° 10	
14	30° 197	30° 239	30° 147	56° 7	3° 4	69° 1	45° 3	—		14	30° 112	30° 278	29° 971	45° 6	1° 7	62° 4	35° 1	0° 10	
15	30° 055	30° 147	30° 004	60° 1	4° 5	72° 1	49° 6	0° 05		15	29° 704	29° 971	29° 578	49° 5	2° 7	56° 1	43° 0	0° 15	
16	29° 950	30° 011	29° 893	59° 7	4° 5	73° 1	45° 8	0° 05		16	29° 639	29° 735	29° 563	47° 1	4° 6	54° 0	42° 1	0° 15	
17	29° 869	29° 894	29° 823	61° 6	4° 0	72° 2	52° 2	0° 15		17	29° 843	29° 896	29° 735	48° 6	4° 6	54° 0	44° 8	—	
18	29° 882	29° 931	29° 819	60° 9	2° 7	67° 8	56° 2	0° 00		18	29° 999	30° 104	29° 898	49° 0	5° 1	53° 1	44° 0	—	
19	29° 852	29° 924	29° 697	58° 7	3° 0	66° 3	52° 6	—		19	30° 166	30° 216	30° 101	47° 2	4° 7	50° 1	44° 6	—	
20	29° 645	29° 699	29° 586	59° 7	4° 2	65° 8	55° 0	0° 05		20	30° 232	30° 254	30° 214	47° 4	4° 0	51° 5	45° 1	—	
21	29° 652	29° 713	29° 560	58° 4	3° 7	65° 3	52° 0	0° 35		21	30° 285	30° 407	30° 184	45° 9	1° 5	50° 6	39° 3	0° 00	
22	29° 716	29° 813	29° 561	57° 7	3° 5	64° 5	54° 0	0° 15		22	30° 482	30° 516	30° 407	44° 4	2° 7	53° 1	38° 9	0° 05	
23	29° 920	30° 064	29° 808	56° 2	2° 3	63° 3	50° 5	0° 10		23	30° 426	30° 507	30° 342	49° 2	2° 1	54° 0	41° 7	0° 10	
24	30° 188	30° 258	30° 064	56° 1	2° 9	62° 4	49° 3	—		24	30° 156	30° 342	29° 954	52° 4	3° 0	56° 2	49° 1	—	
25	30° 366	30° 464	30° 258	57° 5	3° 6	64° 4	50° 1	—		25	29° 664	29° 954	29° 520	49° 6	1° 6	55° 2	43° 7	0° 15	
26	30° 413	30° 458	30° 393	58° 8	2° 6	66° 7	49° 3	—		26	29° 468	29° 652	29° 365	40° 4	2° 9	45° 3	35° 5	0° 00	
27	30° 374	30° 441	30° 285	63° 2	2° 3	72° 6	56° 0	—		27	29° 870	29° 988	29° 652	36° 5	3° 8	42° 9	30° 2	—	
28	30° 174	30° 285	30° 112	59° 8	2° 9	70° 1	54° 7	0° 05		28	30° 073	30° 117	29° 984	33° 1	2° 5	42° 7	25° 5	0° 05	
29	30° 038	30° 119	29° 976	57° 9	3° 1	61° 8	53° 0	—		29	29° 915	30° 071	29° 813	49° 4	2° 5	56° 8	36° 4	0° 15	
30	29° 917	29° 979	29° 829	59° 6	4° 7	66° 1	56° 0	—		30	29° 911	29° 956	29° 827	51° 3	1° 5	58° 0	42° 8	0° 10	
										31	29° 614	29° 907	29° 463	51° 3	1° 1	55° 9	43° 8	0° 70	
Maximum fall in one hour } 8 p.m. 17th - } 0° 145										Maximum fall in one hour } 3 p.m. 25th - } 0° 115									
NOVEMBER.										DECEMBER.									
1	ins. 29° 682	ins. 29° 765	ins. 29° 512	48° 6	3° 4	54° 1	41° 6	—		1	ins. 30° 094	ins. 30° 338	ins. 29° 875	33° 6	1° 5	39° 9	25° 5	—	
2	29° 326	29° 657	29° 189	49° 3	2° 6	55° 6	41° 6	0° 15		2	29° 773	29° 875	29° 744	34° 6	1° 6	35° 8	30° 3	—	
3	29° 539	29° 660	29° 378	45° 2	2° 8	49° 2	39° 0	0° 40		3	29° 713	29° 754	29° 681	36° 3	1° 4	38° 6	34° 4	—	
4	29° 263	29° 388	29° 179	45° 8	2° 1	52° 3	38° 9	0° 10		4	29° 702	29° 770	29° 663	40° 0	1° 6	43° 8	36° 1	0° 00	
5	29° 549	29° 728	29° 254	44° 7	2° 6	49° 4	40° 9	0° 00		5	29° 812	29° 865	29° 770	38° 4	2° 1	40° 7	35° 5	—	
6	29° 592	29° 790	29° 058	44° 0	2° 1	50° 0	36° 3	0° 35		6	29° 980	30° 083	29° 864	37° 9	3° 5	39° 3	36° 0	—	
7	29° 219	29° 517	28° 966	46° 6	4° 0	49° 5	42° 5	0° 10		7	30° 078	30° 117	30° 035	35° 7	3° 5	38° 8	33° 9	—	
8	29° 509	29° 625	29° 273	45° 5	2° 7	51° 9	36° 6	0° 05		8	29° 937	30° 035	29° 895	34° 2	2° 4	35° 4	31° 1	—	
9	29° 440	29° 590	29° 259	41° 4	2° 5	49° 3	30° 2	0° 40		9	30° 030	30° 103	29° 949	32° 8	1° 1	36° 9	28° 8	—	
10	29° 638	29° 681	29° 573	36° 9	1° 3	43° 2	31° 2	0° 05		10	30° 166	30° 207	30° 102	30° 2	0° 6	32° 2	28° 7	—	
11	29° 522	29° 694	29° 389	43° 1	2° 2	49° 9	34° 0	0° 15		11	30° 141	30° 205	30° 086	29° 7	1° 0	33° 1	24° 3	—	
12	29° 820	29° 862	29° 694	40° 6	1° 7	50° 6	29° 1	0° 15		12	30° 107	30° 128	30° 085	27° 9	1° 0	32° 8	22° 9	—	
13	29° 878	29° 980	29° 793	46° 4	0° 8	50° 0	35° 6	0° 20		13	30° 057	30° 115	30° 016	23° 3	0° 5	28° 2	16° 4	—	
14	29° 990	30° 034	29° 959	46° 0	1° 0	56° 1	35° 8	0° 10		14	30° 011	30° 061	29° 939	19° 9	0° 8	21° 5	16° 7	0° 10	
15	30° 160	30° 201	29° 954	50° 8	2° 7	55° 9	47° 2	0° 45		15	29° 749	29° 939	29° 649	26° 5	1° 0	31° 2	21° 2	0° 05	
16	30° 243	30° 287	30° 187	51° 0	1° 8	54° 8	47° 0	0° 05		16	29° 757	29° 767	29° 738	28° 1	1° 9	31° 2	24° 4	—	
17	30° 362	30° 407	30° 287	45° 5	0° 9	52° 5	40° 2	0° 10		17	29° 864	29° 941	29° 764	30° 1	2° 0	32° 0	24° 4	0° 10	
18	30° 389	30° 412	30° 368	52° 0	1° 3	54° 4	46° 1	0° 35		18	29° 735	29° 990	29° 424	28° 7	1° 5	30° 9	25° 1	—	
19	30° 433	30° 454	30° 407	53° 4	1° 2	55° 1	51° 5	0° 05		19	29° 339	29° 575	29° 192	28° 1	1° 1	29° 5	25° 0	0° 20	
20	30° 438	30° 473	30° 371	52° 9	1° 6	55° 1	50° 1	—		20	29° 818	30° 036	29° 573	26° 5	1° 1	33° 7	15° 5	0° 15	
21	30° 162	30° 371	30° 011	49° 9	2° 3	55° 2	43° 3	0° 10		21	30° 245	30° 351	30° 036	33° 6	1° 9	36° 2	27° 2	—	
22	30° 042	30° 156	29° 746	47° 2	3° 0	50° 7	41° 0	0° 45		22	30° 264	30° 350	30° 120	17° 0	0° 0				

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